

CATALOGUE OF HUMAN CRANIA IN THE UNITED STATES NATIONAL MUSEUM COLLECTIONS

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In 1925, under the auspices of the Smithsonian Institution and the Buffalo Society of Natural Sciences, the writer made a seven-month journey to south Asia, Java, Australia, and South Africa.² One of the principal aims of this trip was to examine, by the instruments and methods used in measuring the American material that is being published in this catalogue, all the Australian, Tasmanian, and South African crania that could be located, so as to obtain uniform and as extensive as possible data on this rare material, and to get all possible further light on the problems of the racial status of the Tasmanians, Bushmen, and Hottentots.

In Australia was found a great deal more than was expected, and due to the kind cooperation of the Australian museums and departments of anatomy in Adelaide, Melbourne and Sydney, as well as that of scientific men outside of these establishments,³ it was possible to measure there nearly 1,000 crania identified as to locality, besides a small series of the skulls of Tasmanians. The data on the latter could later be supplemented, thanks to the courtesy of Sir Arthur Keith, by the writer's measurements on all the well-identified Tasmanian skulls in the Royal College of Surgeons, London.

The South African material was rather disappointing. An important part of the cranial collections at Cape Town had been sent some time previously to Switzerland, and at Johannesburg the anthropological collections are just starting. Nevertheless, in the Museum

¹ See also first section of this catalogue on the Mongolians, Eskimo, Aleuts, and Alaska Indians in the Proceedings of the U. S. National Museum, vol. 63, art. 12, published on March 14, 1924. A second section on the Algonkin and related Iroquois, Siouan, Caddoan, Salish and Sahaptin, Shoshonean, and Californian Indians, published in the Proceedings of the U. S. National Museum, vol. 69, art. 5, was issued on May 4, 1927.

² See *Smithsonian Explorations*, etc. in 1925, Wash., 1926, 58 *et seq.*

³ Cordial thanks of the writer are due particularly to: Dr. E. A. White, director of the Museum, Adelaide; Dr. J. A. Kershaw, curator of the National Museum, Melbourne; Dr. C. Anderson, director of the Australian Museum, Sydney; Professors of Anatomy R. J. A. Berry (Melbourne), F. Wood Jones (Adelaide), and A. N. Burkitt (Sydney); Drs. Herbert Basedow and R. H. Pülleine at Adelaide; and the United States consul general at Melbourne.

and the Anatomical Department at Cape Town there were found series of valuable specimens, which were measured.⁴

The measurements, together with those of the few crania from Australia in the possession of the United States National Museum, are given in this number of the catalogue, with such simple deductions as appear to be most obvious; the main object of this catalogue being not so much to discuss results as to present to anthropological workers anthropometric data obtained carefully, uniformly and by well-tested instruments, so that they may be utilized with due confidence for racial and especially variational studies.

The Australian data have been arranged on a geographical basis, and by the value of the cephalic index. A more detailed geographical subdivision would have been of little value, for some of the localities are hard to find on the maps, and do not represent different tribes; while for a tribal subdivision the information found with the specimens was mostly insufficient.

The utmost care was given to the identification of the sex, and whenever other parts of the skeleton were present they were consulted, unless the identification of the skull was plain. The sexing of the Australian skull is not always easy, some of the females closely resembling males, and the same applies, though for the opposite reason (some of the males presenting rather female characters), to the South African blacks. It is no wonder that some of the older sex identifications, particularly perhaps with the Tasmanians, were found to be erroneous.

No immature, deformed, abnormal, or mix-blood (so far as known, or where there was a justified suspicion) specimens were included.

In Australia considerable difficulty was encountered with the measurements of the face and the nose. There was a widespread habit among the people of that continent to knock out, on the advent of adolescence, from one to four of the front teeth, the result being more or less absorption of the alveolar process and loss of the alveolar-point landmark. With the nose, on the other hand, the difficulty lay in the peculiarity of the lower border of the aperture. In many cases there was found a double inferior border, a higher internal and a lower external one, with a depression (prenasal fossa) between; or there was but the higher border, the lower one being indistinct. The proper measurement of the nasal height, it was determined, is to the level of the upper border, which is also the level of the nasal floor. No other race presents such great difficulties in this region as the Australians (and Tasmanians), and it is practically certain that in some previous records on the Australian skulls the nasal height has been measured so that the results are not comparable with ours.

⁴ Thanks for kind aid in this task are due to Prof. M. R. Drennan, anatomist of the Cape Town University; the authorities of the Cape Town Museum; and to Prof. Raymond A. Dast, anatomist of the University of Johannesburg.

A large majority of the specimens here given have been measured or are reported upon for the first time. In other cases, especially with the Tasmanians, the crania have been worked over previously, in some instances more than once; but details and especially uniformity were generally lacking.

The measurement of cranial capacity could, regrettably, not be taken, due to lack of necessary apparatus. In estimating this it should be borne in mind that the Australian skull is on the average very perceptibly thicker than that of the white man.⁵

ABBREVIATIONS

- A. L. A.=Anatomical Laboratory, University of Adelaide.
 A. L. M.=Anatomical Laboratory, University of Melbourne.
 A. L. S.=Anatomical Laboratory, University of Sydney.
 A. M. S.=Australian Museum, Sydney.
 C. T. U.=Department of Anatomy, Cape Town University.
 N. M. M.=National Museum, Melbourne.
 R. C. S.=Royal College of Surgeons, London.
 S. A. M.=South African Museum, Cape Town.
 S. A. M. A.=South Australian Museum, Adelaide.

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| ¹ About. | ²³ Alveolar process in good condition. |
| ² Teeth medium worn (more than moderate). | ²⁴ Teeth in very good condition. |
| ³ Not high. | ²⁵ Front teeth slightly worn. |
| ⁴ Teeth somewhat worn. | ²⁶ Occiput somewhat compressed. |
| ⁵ Near. | ²⁷ Teeth nearly in good condition. |
| ⁶ Right upper median incisor missing (knocked out). | ²⁸ Vault not fully normal. |
| ⁷ Teeth slightly worn. | ²⁹ Right incisor knocked out. |
| ⁸ Left upper median incisor missing (knocked out). | ³⁰ Teeth very much worn. |
| ⁹ Teeth in good condition (not worn or worn but very slightly). | ³¹ Upper right incisors missing. |
| ¹⁰ Teeth much worn. | ³² Teeth lost. |
| ¹¹ Teeth moderately worn. | ³³ Right upper lateral incisor missing. |
| ¹² Teeth medium worn. | ³⁴ Zygomae very heavy. |
| ¹³ Upper median incisors missing. | ³⁵ All upper incisors missing. |
| ¹⁴ Left lower median incisor missing. | ³⁶ Left upper lateral incisor missing. |
| ¹⁵ Teeth mostly lost. | ³⁷ Very megasemic. |
| ¹⁶ Moderately high. | ³⁸ Rather low. |
| ¹⁷ Right lower median incisor missing. | ³⁹ Not exceptionally high. |
| ¹⁸ Lower border distinct. | ⁴⁰ No abscesses. |
| ¹⁹ Right. | ⁴¹ Right upper incisors missing (knocked out). |
| ²⁰ Left. | ⁴² Lower laterals broken. |
| ²¹ Lower median incisors missing. | ⁴³ Lower border nearly distinct. |
| ²² Low. | ⁴⁴ Both upper median and right upper lateral incisors missing. |
| | ⁴⁵ Median incisors missing. |

⁵ For efficient help in the preparation of the data for publication, with this as with the previous numbers of this catalogue, the author is indebted to Mr. Dale Stewart, aide in the Division of Physical Anthropology, United States National Museum.

AUSTRALIANS
SOUTH AUSTRALIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (gabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
633	S. A. M. A.	Meningie	Adult	21.6	12.9	(13.6)	59.7	(79.1)	(1.30)			12.7			10.9	10.6
48	do.	Near Adelaide	do.	19.6	12.4	13	63.3	81.2	15						10.2	10.2
H14	do.	Murray Bridge	do.	19.4	12.3	13.1	63.4	82.9	14.93						11.4	10.9
297	do.	Swanport	do.	20.1	12.8	12.2	63.7	74.4	15.03	± 12	7.5	14.2	84.5	52.8		
B9	do.	Near Adelaide	do.	19.7	12.6	(9)	64				6.4	12.8		50		
256	do.	Fulham	do.	19.7	12.8	12.3	65	75.9	14.93	+ 11.4	6.8	13.5	85.9	52.6	10.9	10.4
444	do.	Near Morgan	do.	19.7	12.2	13.4	65	82.7	15.3	+ 11.6	7.1	13.5		41.3	10.6	10.4
329	do.	Swanport	do.	18.7	12.2		65.7				6.5	13.8		50	10.1	10.1
321	do.	do.	do.	20.2	13.2	13.5	65.4	80.8	15.63	+ 11.2	6.9	13.8	81.2	50	10.5	10.6
322	do.	do.	do.	19.7	12.9	13.8	65.2	84.7	15.47	+ 11.4	8.7	13.5	84.4	49.6	10.8	10.6
372	do.	Fulham	do.	19.2	12.6	13	62.6	81.8	14.93							
e1367	do.	Adelaide	do.	19.2	12.6	13.5	62.6	84.9	15.1		7.4	13.4	83.7	55.2	10.6	10.4
L	do.	Near Murray Bridge	do.	19.2	12.6	13.2	65.6	83	15.1	+ 11.8	7	13.6	83.8	51.2	11.3	10.6
d1D	do.	Torren's Island	do.	20.4	13.4	13.5	65.7	79.9	15.77		7.8				10.9	10.9
104	do.	N. W. Bend	do.	19.1	12.6	13.4	66	84.8	15.03						10.8	10.2
300	do.	Swanport	do.	19.4	12.8	12.4	66	77	14.87		7.5	13.5		55.6	11.3	10.7
e11459	do.	Near Adelaide	do.	18.8	12.4		66			+ 10.3	6.4					
40	A. L. A.	Bookkabe	do.	20.6	13.6	13	66	76	15.73	+ 11	6.7	13.7	80.9	48.9	11.8	10.6
382	S. A. M. A.	Sydenham, Torrens River	do.	19	12.6	13.2	66.3	83.5	14.93		6.9	13.4		51.5	± 10.5	10.2
C1	Dr. Campbell's	"Extreme South"	do.	18.1	12	12.6	66.3	84	14.23		6.5	12.2		53.3	10.2	9.8
B6	S. A. M. A.	Coorong	do.	19.7	13.1	12.5	66.5	76.2	15.1	+ 11.9	7.7	13.3	89.5	57.9	11	10.5
260	do.	Swanport	do.	19.5	13	12.4	66.7	76.5	14.97		6.7	14		47.9	11.2	10.8
335	do.	do.	do.	19.8	13.2	12.5	66.7	75.8	15.17	+ 10.7	6.4	13.6	78.7	47.1	11.4	10
344	do.	do.	do.	19.8	13.2	13.7	66.7	83	15.57							
224	do.	Port Pirie	do.	18.7	12.5	13.8	66.3	83.5	15		6.5	13		50	10.8	10.4
246	do.	Swanport	do.	19.3	12.9	13.2	66.8	82	15.13		7.2	13.3		54.1	11.1	10.4
264	do.	do.	do.	18.7	12.5	13	66.8	83.3	14.73		6.9	12.8		53.9	10.1	10
31	A. L. A.	North West Bend	do.	19.1	12.8	13.4	67	83.8	15.10		6.6	13.4		49.2	10.3	10.3
293	S. A. M. A.	Swanport	do.	18.8	12.6	13.1	67	83.7	14.83	+ 10.6	6.8	13.6	77.9	50	10.7	10.3
127	do.	Innamurka	do.	18.9	12.7	13.2	67.2	83.5	14.93	+ 11.6	7	13	89.2	53.8	± 10.2	9.9

302	do	do	19.2	12.9	12	67.2	75	14.70	12.2	7.7	13.8	88.4	55.8	11.1	10.4
313	do	do	18.9	12.7	13.1	67.2	82.9	14.90	12.6	7.6	13.8	91.3	55.1	10.8	10.6
A	do	do	18.9	13.5	13.8	67.2	86.4	15.03	13.7	8.3	13.4	102.2	61.9	11.1	11.5
*23	do	do	19.6	13.3	13.3	67.4	81.1	15.37	13.7	8.3	13.9	102.2	61.9	11.1	10.3
330	do	do	19.6	12.8	12.7	67.4	79.9	14.83	11.3	6.3	13.6	75.7	44.6	10.2	10.2
416	do	do	19.3	13.5	13.5	67.4	82.9	15.27	11.3	7.2	13	86.9	55.3	10.9	9.6
e G	do	do	19.1	12.7	12.7	67.4	79.9	14.83	11.7	7.4	13.2	88.6	56.1	11	10.4
16	A. L. A.	do	19.1	12.9	13	67.6	81.2	15		6.7	14		47.9	10.2	9.8
36	S. A. M. A.	do	18.8	12.7	13.1	67.6	82.9	14.87		(9)	13.4	30.6	48.6	10.8	10.4
124	do	do	19.2	13	13.2	67.7	75.6	15.03	10.8	6.5	13.4	30.6	48.6	10.8	10.2
234	do	do	19.5	13.2	12.4	67.7	75.6	15.03	10.8	6.6	13.9	78.4	47.5	11.3	10.1
A	do	do	19.8	13.4	12.6	67.7	69.9	14.93							10.4
A	do	do	19.8	11.6	11.6	67.7	69.9	14.93							10.4
373	do	do	19.2	13	11.8	67.7	73.8	14.67	10.6	6.6	13	31.5	50.8	10.5	10.4
e H ₂	Dr. Pulkine's	do	19.2	13.3	13.6	67.9	82.9	15.50	11.9	18 6.9	13.4	37.5	50.7	10.5	10.4
e 26	S. A. M. A.	do	19.6	13.3	13.7	67.9	85.1	15.30	11.9	6.6	13.6	37.5	50.7	10.5	10.4
131	do	do	19.6	12.9	12.4	67.9	77.5	14.77	11.2	6.6	13.4	77.8	49.3	11	16.6
159	do	do	19.6	13.3	14.3	67.9	77.5	14.77	11.2	6.8	14.4	77.8	47.2	10.2	9.8
e 11, 438	do	do	19.4	13.2	13.6	68	83.4	15.40	12.1	7.3	13.3	91	54.9	10.6	10.2
369	do	do	19.4	13.2	14.1	68	86.9	15.40	12.1						10.4
I	do	do	19.8	13.5	14.1	68.2		15.57							10.8
116	do	do	18.6	12.7	12.9	68.3	82.7	14.73	11.9	7.4	13	91.5	56.9	10.3	9.8
225	do	do	19.3	13.2	13	68.4	80.2	15.17	12.1	7.3	12.8	94.5	57	11.6	10.6
308	do	do	19.3	13.2	12.6	68.4	77.8	15.03	11.2	6.7	13.2	84.8	50.8	10.9	10
e 11, 413	do	do	19.6	13.4	13.6	68.4		15.53	11.3	7.1	13.1	86.3	54.2	11	11
a 255	do	do	19.6	13.4	13.6	68.4	82.4	15.53	11.2	6.9	14	80	49.3	11	11
108	do	do	19.6	13.4	12.9	68.4	78.2	15.30	11.9	(9)	12.7	93.7	57.5	11.1	10.5
M	do	do	18.4	12.6	13	68.5	82.9	14.67	11.9	7.3	13.2	88.6	53.8	10.9	9.7
H ₃	do	do	18.5	12.7	13.2	68.6	84.6	14.80	11.7	7.1	13.2	88.6	53.8	10.9	9.7
388	do	do	19.4	13.3	13.4	68.6	84.8	15.03	11.3	6.8	14.2	79.6	47.9	11.3	10.1
6	do	do	19.4	13.3	14	68.6	85.7	15.57	11.3						10.5
311	A. L. A.	do	20.4	13	13.2	68.6	76.7	15.87	13.3	8.6	14.3	91.6	60.1	11.4	11.2
112	S. A. M. A.	do	19.5	13.4	13.4	68.7	81.7	15.43	11.8	7.4	13.5	87.4	54.8	10.8	11.2
162	do	do	19.2	13.2	12.5	68.8	77.2	14.97		6.8	13.6	50	50	10.3	10.8
237	do	do	19.2	13.2	13.6	68.8	84	15.33		7.4	14.3	80.6	61.8	11.1	10.4
384	do	do	19.2	13.2	12.9	68.8	79.6	15.30	10.8	6.8	13.4	80.6	50.8	10.8	10.2
d A	Sydenham, Torrens	do	19.2	13.2	13.2	68.8	81.5	15.20		6.8	13.7	49.6	49.6	11.6	10.6
N	do	do	19.2	13.2	13.6	68.8		15.33		6.6	13.4	49.2	49.2	10.2	10.4
C ₃	do	do	18.6	12.5	11.6	68.8	74.9	14.33	12.2	6.8	14	87.1	55.7	11.2	9.9
298	do	do	19.2	13.2	13.8	68.8		15.40		6.9	13.7		50.4	11.1	10.1
H ₄	do	do	19.7	13.6	12.6	69	85.9	15.30		7.2	13.6		52.9	10.7	10.4
16, 566	do	do	19.7	13.1	12.8	69	80	14.97	11.6	7.3	14	82.9	52.1	11.3	10.2
99	do	do	18.7	12.9	13.8	69	84.8	15	6.7	6.7	14	47.9	47.9	10.3	10.6
315	do	do	19.7	13.6	13.4	69	80.1	15.53							10.5
44	do	do	19.7	13.6	13.3	69	80.1	15.53							10.3
e 11, 450	do	do	20.4	14.1	13.6	69.1	79.1	16.03	11.4	7	13.9	82	50.4	11.1	10.1
44	do	do	19.4	13.4	13.9	69.1	84.8	15.57		7.2	14.2		49.3	11	10.6
44	do	do	19.1	13.2	13.4	69.1	82.7	15.23	11	7.2	13.5	81.5	53.8	11.1	10.6
44	do	do	19.4	13.4	13.6	69.1	82.9	15.47	12.2	7.3	13.1	93.1	55.7	11.1	10.7
44	do	do	18.2	12.6	12.1	69.2	78.6	14.30		7.2	12.6		57.1	10.6	9.9

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 14.

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabela ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
156	S. A. M. A.	Milang	Adult	19.5	13.3	13.2	69.2	80	15.40	10 11.7	17	13.8	84.8	60.7	10.5	10
238	do	Swanport	do	18.5	13.5	12.9	69.2	82.7	14.73	10 10.4	6.2	13.9	74.8	44.6	10.5	10.6
295	do	do	do	19.8	13.7	14	69.2	83.3	15.83	7 11.1	7.2	13.5	82.2	19.8	11	10.6
363	do	Fulham	do	20.1	13.9	12.8	69.2	75.8	15.60	7 12.1	7.2	10.2	86.2	19.8	10.2	10.2
*36	A. L. A.	Glanville	do	18.8	13	12.4	69.2	78	14.73	4 11.2	6.7	12.9	86.8	51.9	10.7	10.8
C1	Dr. Campbell's	Lower Murray River	do	17.6	13	13.6	69.2	85.5	15.13	13.7	8	13.7	86.8	51.9	10.7	10.8
*107	S. A. M. A.	Plympton	do	18.0	12.2	12.8	69.3	85.9	14.20	10 11.3	7.2	12.7	89	56.7	11.9	10.5
161	do	Morgan	do	18.9	13.1	12.4	69.3	77.6	14.80	6.8	6.5	13.6	47.8	47.8	11.2	10.2
11	do	Parallana	do	19.3	13.4	12.8	69.4	78	15.17	15.15	6.8	13.6	47.8	47.8	9.4	9.9
168	do	Clare	do	19.6	13.6	12.9	69.4	77.7	15.37	7.1	7.1	14.4	49.8	49.8	11.8	10.5
86	do	Coorong	do	19.7	13.7	13	69.5	77.8	15.47	4 12	8	13.5	88.9	64.1	10.8	10.5
11	A. L. A.	do	do	19.4	13.2	12.5	69.6	77.6	14.90	12 11.5	8	13.5	86.2	60.4	9.7	10.2
233	S. A. M. A.	Swanport	do	19.4	13.5	12.4	69.6	75.6	15.10	9 10.9	8	14.3	76.2	45.4	10.9	10.4
292	do	do	do	19.4	13.5	13.3	69.6	81.1	15.40	13.6	6.5	13.6	60.7	60.7	10.2	10.2
355	do	Fulham	do	19.4	13.5	13.7	69.6	83.5	15.53	13.6	6.9	13.6	60.7	60.7	10.2	10.2
415	do	Wood's Point, Murray River	do	19.1	13.3	12.4	69.6	79.5	14.93	4 11.3	6.6	14.2	79.6	46.5	11	10
H6	do	Coorong	do	19.1	13.3	13.2	69.6	81.5	15.20	7.4	7.4	13.3	65.6	65.6	10.4	10.2
15, 397	N. M. M.	Tallem Bend	do	19.4	13.5	13.4	69.6	81.7	15.43	7.3	7.3	13.3	64.9	64.9	10.4	10.4
398	S. A. M. A.	Near Moonta	do	18.8	13.1	12.6	69.7	78.8	14.83	7.3	7.3	13.3	64.9	64.9	10.6	10.1
T1	do	Swanport	do	19.5	13.6	13	69.7	78.3	15.37	7.4	7.4	14	62.9	62.9	11.4	10.8
21	do	Murray River	do	19.5	13.6	14	69.7	84.3	15.70	9 11.6	6.8	13.7	84.7	49.6	11	10.4
188	do	Port Adelaide	do	18.9	13.2	13.1	69.8	81.9	15.07	14.87	6.8	13.7	78.8	49.6	10.6	10.4
270	do	Swanport	do	18.6	13	13	69.9	82.3	14.87	10 10.8	6.8	13.7	82.1	51.5	10.5	10.5
273	do	do	do	18.6	13	13	69.9	82.3	14.87	7 11	6.9	13.4	82.1	51.5	10.5	10
4 H1	do	Tallem Bend	do	18.6	13	12.8	69.9	81	14.80	14.80	6.8	13.4	89.8	65.7	10.3	9.8
3	A. L. A.	Blimman	do	18.6	13	13.2	69.9	83.5	14.93	3 10.9	6.8	12.2	89.8	65.7	10.3	9.7
304	S. A. M. A.	Swanport	do	19	13.3	13	70	80.2	15.10	6.7	6.7	13.7	48.0	48.0	10.9	10.3
325	do	do	do	19.3	13.5	14	70	86.4	15.60	10 9	8 6.5	14.5	75.2	44.8	10.5	10.5
A6	do	Near Adelaide	do	19.7	13.8	11.8	70	82.7	15.10	7	7	13.7	61.1	61.1	11.5	10.8
283	do	Swanport	do	18.4	12.9	12.9	70.1	82.4	15.53	4 11.3	6.7	14.2	79.6	47.2	11.3	10.6
294	do	do	do	19.4	13.6	13.6	70.1	82.6	15.30	7.3	7.3	13.5	64.1	64.1	10.8	10.2
284	A. L. A.	Loxton	do	19.4	13.6	12.9	70.1	78.2	15.30	6.4	6.4	13	49.2	49.2	10.8	10
H4	S. A. M. A.	Mypanya Jetty	do	18.8	13.2	11.9	70.2	74.4	14.63	11.6	7.1	12.1	95.9	68.7	10.9	9.6
22	do	Yorke Peninsula	do	18.6	13.1	12.6	70.4	79.8	14.77	11.6	7.1	12.1	95.9	68.7	10.9	9.6

1202	do.	Swanport	do.	18.6	13.1	12.6	70.4	79.8	14.77	7 11.2	6.7	13.4	83.6	60	10.3	9.8
435	do.	Walkerie	do.	18.7	13.4	13.6	70.5	82.7	15.27		7.2				10.9	10.6
105	do.	North West Bend	do.	18.7	13.2	13	70.6	81.2	14.57		7.7	12.5	95.2	61.6		10
11,407	do.	Baklavava	do.	18.4	13.7	13.6	70.6									
B7	do.	Meminge	do.	19.4	13.7	12.6	70.6	72.9	15.33		6.1	13.7		48.9	10.6	10.1
28,923	do.	Coorong	do.	18.8	13.3	13.0	70.7	85	15.23		6.4	13.8	86.3	46.7	10.4	10.6
419	S. A. M. A.	Robe	do.	19.1	13.5	13.4	70.7	82.2	15.33	12	7.3	13.6	78.7	52.6	9.8	10.1
c 11,416	do.	Robe	do.	18.8	13.3	13.4	70.8	81.7	15.03	† 10.7	6.4	13.2	91.7	55.3	10.4	10.6
39	S. A. L. A.	Robe	do.	19.2	13.6	14	70.8	85.4	15.60	† 12.1	7.4	14		82.9	11.6	10.4
4,881	S. A. M. A.	Robe	do.	19.2	13.6	14	70.8	85.4	15.03		7.7	12.9		59.7	10.8	9.6
119	S. A. L. A.	Wallaroo	do.	19.2	13.6	14	70.9	81.5	15.17		7.1		82.6		10.2	10.5
250	S. A. M. A.	Yorke Peninsula	do.	18.9	13.4	13.2	70.9	76.2	15.43	† 11.4	7.2	13.8		62.2	11.6	10.7
410	do.	Swanport	do.	19.6	13.9	12.8	70.9	79.7	15.03	15 10.6					10.5	9.8
1368	do.	Yorke Peninsula	do.	18.9	13.4	12.8	70.9	78.6	15.37	10 10.6	7.8	14.1	87.9		10.6	10.6
1368	do.	Near Adelaide	do.	19.5	13.4	12.8	70.9	79.7	15.37	12 4	7.6	14.2	89.4		12.6	11.5
37	S. A. L. A.	Cobdolla	do.	19.3	13.9	13.2	70.9	79.9	16.17	4 12.7	6.6	13.2	83.3		10.4	10.4
84	S. A. M. A.	do.	do.	20.3	14.4	13.5	71	84.5	15.10	10 11	7	13.2	89.4		10.4	10.3
84	S. A. M. A.	do.	do.	18.6	13.2	13.4	71	84.5	15.07	11.8	7	12.8		59	9.8	9.8
92	do.	do.	do.	19	13.5	13.2	71	84.5	15.77		6.4		80	59.8	10.5	10.5
163	do.	Near adult	do.	19.7	14	13.6	71.1	81	15.77		6.9	13.8		56.6	10.9	10.6
345	do.	Port Augusta	do.	19.4	13.6	13.4	71.2	84.8	14.97	4 11.2	7.8	13.8		61.9	11.2	10.5
360	do.	Swanport	Adult	19.7	13.5	13.2	71.2	84.8	15.00	10 12.2	8.4	13.3		51.9	10.4	10.5
11410	do.	Adelaide	do.	18.4	13.1	13.5	71.2	86.5	15.20	4 11.3	8.4	14.4	78.5		10.2	10.2
A4	do.	Near Adelaide	do.	19.8	14.1	13	71.2	78.7	15.20	3 8 6.4	7.9	13.3		59.4	10.8	9.8
B3495	A. M. S.	do.	do.	19.8	14.1	13.6	71.2	80.6	15.87	† 11.7	6.7	14	83.6		10.7	10.2
16567	N. M. M.	do.	do.	19.8	14.1	13.7	71.2	80.6	15.00		6.9	13		53.1	10.3	10.2
236	do.	do.	do.	18.8	13.4	12.8	71.3	79.5	15.00	3 10.8	6.8	14.2		47.9	10.7	10.2
254	do.	do.	do.	18.8	13.4	12.8	71.3	79.5	15.00		6.8		76.1		10.3	10.2
257	do.	do.	do.	18.8	13.4	12.6	71.3	78.2	14.93		5 6 7.2	13.6		51.9		
570	do.	do.	do.	18.8	13.4	13	71.3	80.8	15.07	† 12.3			88.5		10.4	9.8
H4	do.	Near Needles	do.	19.6	14	13.3	71.4	79.2	15.63	(†)					10.4	10.5
258	do.	Swanport	do.	19.6	14	13.3	71.4	82.5	15.63		6.3	12.5		60.4	10.4	9.7
102	do.	Near Adelaide	do.	18.6	13.3	13.2	71.5	82.5	15.63	4 11.3	6.8	13.3		61.1	9.8	3.7
309	do.	Murray Bridge	do.	18.6	13.3	12.7	71.5	79.4	14.87		7.2	13.8	81.9		11	3.9
16	do.	Streaky Bay	do.	19.7	14.1	13.3	71.6	88.4	15.40	19 11.1	8 6.3	13.9	79.9		10.1	10.2
35	do.	Goolwa	do.	18.4	13.2	13.6	71.7	86.1	15.70	11.4	7.1	13.9	84.4		11	10.4
157	do.	Lake Albert	do.	18.4	13.2	12.2	71.7	77.2	14.47		6.7	13.4		60	9.9	9.9
288	do.	Swanport	do.	18.4	13.2	13	71.7	82.3	14.60		6.5	13.9		46.8	10.7	10.4
63	do.	Lake Alexandrina	do.	19.2	13.8	13.7	71.7	83	15.87	† 11.1	6.7	13.5		51.1	10.1	10
155	do.	Milang	do.	19.6	14.1	13.1	71.9	78	15.60	† 11	6.7	14.1		49.6	10	10
396	do.	Coorong	do.	18.6	13.4	12.1	72	76.6	15.60	† 11	7.1	13.1		47.5	10.1	9.4
3075	do.	Glensely	do.	18.6	13.4	12.6	72	78.8	14.70	4 12	6.9	13.1		56.2	10.1	9.4
S	do.	Coorong	do.	18.9	13.6	12.6	72	78.8	14.87	2 11	6.9	12.9		43.3	10.6	10.1
28928	N. M. M.	do.	do.	18.2	13.1	12.6	72	80.8	14.68	(†)	7	14.1		49.6	10.4	10
231	S. A. M. A.	do.	do.	19	13.7	14	72.1	85.4	15.57		7.3	14.1			11	10.4
336	do.	Swanport	do.	19	13.7	13.2	72.1	80.6	15.30	† 10.7	6	13.5		79.3	10.2	10.5
434	do.	Walkerie	do.	19	13.7	13.6	72.1	82.9	15.43		7.1			44.4	11.6	10.5
H13	do.	Murray Bridge	do.	19	13.7	13	72.1	79.3	15.23							9.9
411	do.	Adrossan	do.	19.4	14	12.6	72.2	75.4	15.33	10 12	7.9	13.7		87.6		

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 14.

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index total $\left(\frac{a \times 100}{c}\right)$	Facial Index upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
418	S. A. M. A.	Woods Point	Adult	18.8	13.6	12.8	72.9	79	15.07	111.1	7.9	14.1	79.3	41.8	10.4	10.3
420	do.	Meningie	do.	18.8	13.6	12.8	72.9	79	15.07	111.1	7.9	14.1	79.3	41.8	10.4	10.3
120	do.	Oodnadatta	do.	18.5	13.1	13.4	72.4	83.1	15.07	113.1	8.1	13.4	97.8	50	11	10.8
287	do.	Swanport	do.	18.1	13.1	13.4	72.4	85.9	14.87	111.6	7.2	13.6	85.9	52.9	9.9	9.9
	Dr. Campbell's	Eyres Peninsula	do.	19.2	13.9	12.6	72.4	75.9	13.23	111.6	7.3	13.8	84.1	52.9	10.8	10.4
101	S. A. M. A.	Plympton	do.	18.9	13.7	13.4	72.6	80.7	15.33							
	Dr. Campbell's	Yorke Peninsula	do.	18.2	13.2	12.6	72.6	80.2	14.67							
318	S. A. M. A.	Swanport	do.	19	13.8	12.6	72.6		16.9		6.9	14		49.8		9.5
389	do.	Mingbool, S. E.	do.	18.6	13.5	13.6	72.6	86	15.23	109.4	5.8	13.7	68.6	42.9	10	10
405	do.	Tallem Bend	do.	19	13.8	13.8	72.6	84.2	15.53		7	13.3		52.6	10.3	10.3
436	do.	Walkerie	do.	18.7	13.6	12.7	72.6	84.8	15.57		7.2	13.7		52.6	10.6	10.3
282	do.	Swanport	do.	18.3	13.3	12.9	72.7	78.4	15		6.9	13.5		51.1	10.3	10.2
24	A. L. A.	Port Elliot	do.	19.5	13.3	12.9	72.7	81.6	14.88	41.2	7	14.3	83.9	49.6	10.8	10.6
232	S. A. M. A.	Murray Bridge	do.	19.5	14.2	(16)	72.8									
28	do.	Corong	do.	19.2	14	13.1	72.9	78.9	15.43	12.2	7.2	13.9	87.8	51.8	10.2	10
3079	do.	Lake Bonnie	do.	18.3	13.4	13	73.2	82.5	14.90		6.2	13.8		44.9	10	9.9
160	do.	Morgan	do.	18.7	13.7	13.4	73.5	82.7	15.27		7	14.1		49.6	10.8	10.9
208	do.	North of Mount Eba	do.	18.7	13.7	12.5	73.5	77.2	14.97	(c)	7.6	13.9		54.7	10.4	9.8
394	do.	Coorong	do.	18.7	13.7	12.2	73.5	75.5	14.87	10.7	6.2	13.9		44.6	10	9.5
29	do.	do.	do.	18.8	13.8	12.4	73.4	76.1	15	11.3	6.8	13.6		50	10.4	10.2
p 226	do.	Tallem Bend	do.	18.4	13.5	13.3	73.4	83.1	15.03	10 11.4	8.6	13.7		55.2	10.5	10.4
A ₂	do.	Near Eucla	do.	18.4	13.5	12.9	73.4	80.6	14.93		7.2	13.8		56.2	10	9.8
Z	do.	Lake Albert	do.	18.2	13.4	13.2	73.6	85.5	14.93	(13)	6.9	13.9		49.6	10.7	10
114	do.	Near Adelaide	do.	19	14	13.4	73.7	81.2	15.47	7 11.3	6.9	13.9	81.5	49.6	10.7	10
e 395	Dr. Campbell's	Near Adelaide	Near adult	17.6	13	12.8	73.9	83.7	14.47	10 10.6	6.5	12.5		52	10.1	9.6
69	S. A. M. A.	Coorong	Adult	18.8	13.9	12.8	73.9	78	15.17	10 10.6	6.6	12.4		53.2	10.1	9.7
310	do.	Murray River	do.	18.6	13.8	13.6	74.2	84	13.33	11.3	6.6	13.9		47.5	9.6	9.5
C ₂	do.	Swanport	do.	19.6	14.6	13.8	74.5	89.7	16	10 11.1	8.8	14		48.6	11.1	10.4
	Dr. Campbell's	Lower Murray River	Near adult	17.7	13.2	12.6	74.6	81.8	14.50		7.1	14.50		46.5	10.4	9.8
e 1036	S. A. M. A.	Ardrrossan	Adult	18.8	14.1	13	76	75.3	15.30		6.6	14.7		48.5	10.8	10.2
4	Dr. Campbell's	Lower Murray River	do.	17.4	13.2	12.1	75.9	79.1	14.23		6.6	12.7		52	10.3	9.6

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
r 425	S. A. M. A.	Cournamont.	do.	18.6	14.2	13.6	76.3	82.9	15.47	11.2	6.5	13.7	81.8	47.4	10.2	10
400	do.	Coorong.	do.	18.8	14.4	13	76.6	78.3	15.40	11.7	17 7.4	14.1	85	52.6	10	10
Totals				3, 779.1	2, 621.3	2, 431.9	69.7	80.7	15.15	11.56	6.96	13.66	84.3	51.9	10.71	1, 868.3
Averages				19.09	13.81	13.07	69.7	80.7	15.15	11.56	6.96	13.66	84.3	51.9	10.71	1, 868.3
Minima				17.4	12	11.6	69.7	69.9	14.20	9.4	5.7	12.1	63.6	41.3	9.4	9.4
Maxima				21.6	14.6	14.3	76.6	88.6	16.17	13.7	8.6	14.7	102.2	61.9	11.9	11.5
b 33	S. A. M. A.	Meningie	Adult	9.8				3.18	4.05	78.6	4.85	2.75	56.7			
48	do.	Near Adelaide.	do.					3.7	3.9	94.9	19 5.05	2.85	56.4			
H14	do.	Murray Bridge	do.	10	67	51	3.5	19 3.4	19 3.9	87.2	4.55	2.65	68.2			108.1
297	do.	Swanport	do.				3.4	19 3.6	19 4	90	4.55	2.9	63.7			108.1
B9	do.	Near Adelaide.	do.	9.5	67.5	49	3.5	20 2.0	20 3.7	84.6	19 4.85	2.4	65.7			114.8
256	do.	Fulham	do.	9.6	68.5	58	3.8	20 2.0	20 3.7	78.4	19 4.85	2.4	68.6			108.3
444	do.	Near Morgan	do.					3.25	3.88	87.1	19 4.8	2.3	47.9			108.1
320	do.	Swanport	do.	9.2	67	49.5	3.3	3.25	3.72	87.4	4.9	2.75	56.1			108.1
321	do.	do.	do.	9.9	70.5	57	3.05	3.7	3.8	97.4	4.8	2.65	66.2			110.2
322	do.	do.	do.	10.6				3.7	3.8	83.8	5.2	2.8	56.8			106.7
372	do.	Fulham	do.				3.0	3.48	3.95	85.6	5	2.8	60			106.7
c 1367	do.	Adelaide	do.	10	66	48	3.4	3.38	3.75	97.3	4.85	2.6	53.6			109.5
d D	do.	Murray Bridge	do.	10	66	48	3.4	3.48	3.8	86.8	4.8	2.8	60			109.5
104	do.	Torren's Island	do.	9.4			3.8	3.38	3.8	86.8	4.8	2.8	60			109.5
300	do.	N. W. Bend	do.					3.65	3.75	97.3	4.85	2.6	53.6			109.5
e 11459	do.	Swanport	do.	10	66	50.5	3.8	3.65	3.75	97.3	4.85	2.6	53.6			109.5
40	A. L. A.	Near Adelaide.	do.				3.3	3.3	3.8	86.8	19 4.4	2.55	65.8			112.9
382	S. A. M. A.	Bookabie	do.	9.8	63	32	3.4	3.3	3.8	86.8	19 4.4	2.55	65.8			112.9
C1	Dr. Campbell's	Sydenham, Torrens Rivor	do.	9.4	68	53.5		3.3	4.2	78.6	4.8	3.2	66.7			111.1
B6	S. A. M. A.	"Extreme South"	do.	9.9	68	50		3.38	4.05	90.1	4.8	2.95	61.5			109.8
260	do.	Coorong.	do.	9.4	65.5	58	3.4	3.38	3.62	98.1	4.6	2.45	63.8			112.1
335	do.	Swanport	do.	9.7	69	40	3.4	3.6	3.95	91.2	5.1	2.6	5			107.6
344	do.	do.	do.	9.8	61	40	3.55	3.55	20 3.25	83.4	4.4	2.8	56			104.6
224	do.	Port Pirie	do.	9.7	69	54.5		3.1	3.65	84.9	4.45	2.6	66.2			111.1
246	do.	Swanport	do.	9.6	65	48		3.22	3.9	82.6	4.85	2.8	67.7			104.6
264	do.	do.	do.	9	69	55		3.18	3.85	82.6	19 4.8	2.4	6			105

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 14.

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height*	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
31	A. L. A.	North West Bend.	Adult.	9.4	71.5	45	3.5	3.12	4.08	76.5	4.9	2.85	58.2	5.9	6.5	110.2
293	S. A. M. A.	Swampport	do.	9.6	68	52	3.5	3.3	3.78	87.3	18 4.9	2.6	53.1	6	6.6	110
127	do.	Inamincka	do.	8.9	67.5	50.5	3.5	3.68	4.15	83.7	4.8	2.65	55.2	6.3	9.8	107.9
302	do.	Swampport	do.	9.3	64	44	3.5	3.8	4.22	90	5.2	2.7	51.9	6.5	7.2	110.8
313	do.	do.	do.	9.6	63	55.5	3.6	3.45	3.78	91.8	19 5.1	2.65	52	6	6.8	113.5
A1	do.	Wellington	do.	9.8	69.5	51.5	4.1	20 3.05	20 3.8	80.5	4.55	2.75	60.4	6.2	6.7	108.1
e 23	do.	Mannum	do.	9.9	72	58.5	3.3	3.3	4	82.5	5.8	3.1	53.4	6.5	8	123.1
320	do.	Swampport	do.	10	66	49	2.8	19 3.2	19 3.9	82.5	4.45	2.4	53.9	5.8	6.8	117.2
416	do.	Wood's Point	do.	9.2	72	51	3.6	20 3.55	19 4.75	93.4	18 4.75	2.65	55.8	6	6.5	108.5
e G	do.	Mahala	do.	9.3	60	45.5	3.5	3.2	3.82	86.4	4.8	2.65	55.2	6.3	7.2	111.3
16	A. L. A.	Oodnadatta	do.	9.6	64	51	3.5	3.2	3.95	81	4.9	2.9	59.2	6.4	6.9	107.8
36	S. A. M. A.	Umberatana	do.	8.55	64	51	3.5	3.55	4.05	82.7	4.7	2.9	61.7	6.1	7.9	114.8
124	do.	Cooper Creek	do.	8.6	69	46	3.2	3.25	3.98	82.7	18 4.3	2.25	52.5	6.2	6.9	111.5
234	do.	Swampport	do.	9.6	69	46	3.2	3.5	3.9	83.7	18 4.8	2.65	55.2	6.5	7.1	109.2
A3	do.	Near Adelaide.	do.	9.6	63	38	3.3	3.35	3.75	89.3	4.6	2.8	60.9	6.5	7.1	109.2
373	do.	Fulham	do.	9.3	67	46	3	3	3.52	85.2	4.9	2.5	51	5.9	6.5	110.2
f H2	do.	Mypanya Jetty	do.	9.4	71	53	3.4	3	3.25	83.3	4.9	2.7	55.1	6.3	6.8	107.9
e 26	Dr. Pulteney's	Tallem Bend	do.	9.8	69	48.5	3.5	3.15	3.75	84	4.9	2.7	55.1	6.1	6.8	111.5
131	S. A. M. A.	Coorong	do.	8.9	67	50.5	3.5	3.28	3.7	88.6	4.6	2.5	54.4	6	6.6	110
139	do.	Tallem Bend	do.	9.1	66.5	50	3.5	3.38	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
e 11, 438	do.	Morgan	do.	9.1	66.5	50	3.5	3.38	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
369	do.	Near Adelaide	do.	9.1	66.5	50	3.5	3.35	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
I	do.	Fulham	do.	9.1	66.5	50	3.5	3.35	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
116	do.	do.	do.	9.1	66.5	50	3.5	3.35	3.95	85.6	18 4.7	2.75	58.5	6.4	7.2	112.5
225	do.	Coorong	do.	9	64	47.5	3.5	3.2	4.05	79	18 5.05	2.5	49.5	6.5	6.2	95.4
308	do.	Marion	do.	10	63.5	43.5	3.6	3.62	3.82	94.8	5.05	2.5	49.5	6.5	3.5	112.3
337	do.	Swampport	do.	9.2	64	40	3.2	3.32	3.88	85.6	18 4.6	2.75	59.8	6.5	3.5	100
e 11, 418	do.	do.	do.	9.9	71.5	49	3.2	3.55	3.55	100	5.1	2.3	45.1	6.1	6.9	113.1
A 255	do.	do.	do.	10.2	68	45	3.35	3.35	4.05	82.7	5.2	2.85	54.8	6.1	7.3	119.7
108	do.	do.	do.	10.2	68	45	3.35	3.35	4.05	82.7	5.2	2.85	54.8	6.1	7.3	119.7
M	do.	Walkerville	do.	9.8	63.5	48	3.8	19 3.5	19 4	90.5	4.75	2.75	57.9	6.2	6.6	106.4
H3	do.	Torren's Island	do.	9.4	61	48	3.8	20 3.35	20 3.7	87.5	(19)	2.75	59.1	6.6	7	106.1
388	do.	Murray Bridge	do.	10	65.5	53	3.3	3.2	3.85	88.5	4.65	2.65	60.2	6.2	6.6	106.4
	do.	Mount Gambier	do.	10	65.5	53	3.3	3.2	4.02	79.6	4.4	2.65	60.2	6.2	6.6	106.4

6	A. L. A.	do.	10.1	66.5	57.5	3.8	3.58	4.05	88.6	18.5.6	2.9	51.8	6.7	7.2	107.6
111	S. A. M. A.	do.	9.6	72	52.5	3.5	3.75	3.9	96.2	5.3	2.8	52.8	6.4	7	109.4
312	do.	do.	9.4	75.5	56	3.68	3.68	4.1	89.8	18.5.1	2.4	47.1	5.7	6.4	112.5
162	do.	do.	10	65	56.5	3.5	3.5	3.8	86.8	18.4.95	2.8	55.4	6.6	7.1	107.6
237	do.	do.	9.6	66.5	47.5	2.9	3.12	3.8	82.1	18.4.8	2.55	51.6	6.1	6.9	113.1
384	do.	do.	10.3	64	48.5	do.	3.05	3.7	82.4	18.4.8	2.6	56.5	6.8	7.1	104.4
d A	do.	do.	9.4	73	40	3.5	3.5	3.7	82.4	18.4.8	2.35	49	6.8	6.6	111.9
n	do.	do.	9.6	69	45	do.	2.98	3.43	81.6	18.5.4	2.55	47.2	6.8	6.7	98.6
80	Dr. Campbell's	do.	9.8	59	50	3.5	3.5	3.65	81.6	18.4.7	2.5	53.2	6.6	6.8	108
C4	Lower Murray River	do.	9.4	68	50	3.7	3.28	3.9	84.1	18.4.7	2.7	51	6.4	6.4	100
298	S. A. M. A.	do.	9.4	62	47	3.4	3.63	3.9	84.1	18.4.7	2.9	50	6.4	6.7	103.1
H13	Inkerman	do.	9.4	74	63.5	3.7	3.63	3.68	83.3	4.15	2.9	60.4	6.5	6.7	103.1
303	do.	do.	9.4	74	63.5	3.4	3.25	3.68	83.3	4.15	2.45	60.4	6.5	6.7	103.1
16,566	N. M. M.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
915	S. A. M. A.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
311	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.	do.
11,450	Dr. Passdow's	do.	9.8	63	52	3.45	3.45	3.85	89.6	4.75	2.85	60	6.1	7	114.8
44	do.	do.	9.8	67.5	51	3.3	3.2	3.65	87.7	18.4.7	2.85	60.6	6.5	7.6	116.9
186	do.	do.	9.8	67.5	51	3.3	3.32	3.88	86.6	5.15	2.7	62.4	6.1	6.9	113.1
238	do.	do.	9.2	69	51	3.9	3.48	3.85	90.4	5	2.6	62	6.4	7.2	112.5
363	do.	do.	9.2	69	51	3.7	3.25	3.7	87.8	4.7	2.8	69.6	6.1	6.7	109.8
35	S. A. M. A.	do.	9.6	74	53	3.7	3.5	3.9	89.7	5.1	2.55	60	6.1	6.7	109.8
107	do.	do.	9.6	74	53	3.1	3.18	3.82	83.2	4.7	2.75	68.6	6.1	6.7	109.8
161	do.	do.	9.6	74	53	3.5	3.48	3.8	83.2	4.7	2.5	61	6.3	6.6	104.8
111	do.	do.	9.6	68.5	58	3	3.48	3.6	88.6	18.4.9	2.95	61.5	6.1	6.9	113.1
168	do.	do.	9.4	69.5	61	3.4	3.42	3.85	88.8	18.5.2	2.7	61.9	6.2	6.7	108.1
86	do.	do.	9.8	61	48.5	3.5	3.55	3.6	98.6	4.6	2.75	65.4	6.8	6.9	101.5
111	do.	do.	9.8	64	43.5	3.4	3.48	3.6	98.6	4.6	2.6	64.7	6.3	6.8	107.9
111	do.	do.	10.4	61	48.5	3.5	3.55	3.92	85.5	4.6	2.75	69.8	6.3	6.8	107.9
168	do.	do.	8.4	73.5	52	3.4	3.4	3.9	91	5.1	2.45	48	6.4	7	109.4
86	do.	do.	10.8	61	55	3.2	3.18	3.8	83.7	18.4.95	2.4	48.5	6.1	6.7	109.8
111	do.	do.	9.8	68	54	3.2	3.4	3.65	93.2	4.8	2.45	51	6.1	6.7	109.8
233	A. L. A.	do.	9.9	68	50	3.2	3.35	3.85	87.5	5.05	2.7	65.6	6.1	6.7	109.8
232	S. A. M. A.	do.	9.4	78	58.5	3.4	3.4	3.8	89.5	5.1	2.5	49	6.3	6.3	106.8
355	do.	do.	9.4	78	58.5	3.8	3.65	3.9	93.6	4.65	2.5	49	6.3	6.3	106.8
415	do.	do.	9.8	64	49	3.8	3.2	3.7	86.5	4.65	2.65	67	6.3	7	111.1
H6	do.	do.	9.3	68	58	3.35	3.35	3.9	85.9	4.8	2.5	62.1	6.2	6.7	108.1
15,897	do.	do.	9.4	61	48	3.9	3.2	3.9	85.9	5	2.8	66	6.1	6.7	108.1
308	N. M. M.	do.	9.4	61	48	3.9	3.2	3.9	85.9	5	2.8	66	6.1	6.7	108.1
T11	S. A. M. A.	do.	9.2	61	48	3.25	3.25	3.9	84.1	4.75	2.7	66.3	6.9	7.2	104.4
21	do.	do.	9.7	66.5	48	3.7	3.35	4.08	82.1	4.75	2.7	66.3	6.9	7.2	104.4
138	do.	do.	9.6	67	49.5	3.7	3.2	4.05	79	4.55	3.05	67	6.4	7.4	116.6
270	do.	do.	9.3	70.5	40.5	2.9	3.55	3.85	93	19.5.3	2.65	60	6.1	6.6	108.2
273	do.	do.	9.1	66.5	48	3.2	3.22	3.75	85.9	18.4.75	2.35	49.5	6.1	6.7	109.8
H1	do.	do.	9	63.5	47	3.2	3.15	3.72	84.7	19.4.8	2.65	66.2	6.2	6.7	108.1
3	A. L. A.	do.	9.8	67	53	3.5	3.52	3.6	97.8	19.4.7	2.6	66.3	6.3	6.6	104.8
304	S. A. M. A.	do.	9.5	71	47	3.5	3.22	3.85	85.6	4.8	2.8	58.5	6.3	6.6	104.8
325	do.	do.	9.5	71	47	3.5	3.22	3.85	85.6	4.8	2.8	58.5	6.3	6.6	104.8
A8	do.	do.	9.9	66.5	41	3.6	3.3	3.6	91.7	19.5	2.5	50	6.8	6.4	94.1
283	do.	do.	9.9	66.5	41	3.6	3.3	3.6	91.7	19.5	2.5	50	6.8	6.4	94.1
294	do.	do.	10	66.5	50	3.6	3.65	3.85	94.8	4.6	2.75	69.8	6.5	7	107.7

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 14.

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim.(b)	Palatal Index $\left(\frac{1}{b \times 100}\right)$
28	A. L. A.	Loxton	Adult	9.2	63.5	46	---	3.45	4.1	84.2	13 4.95	2.85	57.6	6.3	7.1	112.7
H1	S. A. M. A.	Mypanya Jetty	do.	9.5	66	47	---	2.92	3.55	82.2	4.5	2.5	55.6	6.4	6.4	100
22	do.	Yorke Peninsula	do.	9.2	60	41	---	3.35	3.85	87	4.8	2.6	54.2	6.5	6.2	96.4
t 262	do.	Swanport	do.	9	67	49	3.2	3.42	3.78	90.5	4.65	2.4	51.6	5.9	7.2	123.7
435	do.	Waikerie	do.	9.8	68.5	57	---	19 3.2	19 3.9	82	5	2.8	56.6	6.8	7.3	105.9
105	do.	North West Bend	do.	9	---	---	3.8	3.4	3.95	86.1	5	3	60	---	---	---
" 11407	do.	Balaklava	do.	9	---	---	---	20 3.4	20 3.7	91.9	13 4.75	2.4	60.5	6.4	6.4	100
37	do.	Meningie	do.	9.2	67.5	43	---	3.38	3.9	87.1	4.9	2.6	53.7	6.2	6.7	108.1
28923	N. M. M.	Coorong	do.	9.6	74	60	---	3.2	3.62	88.4	15 4.65	2.6	55.9	5.8	7.2	121.1
419	S. A. M. A.	Robe	do.	9.4	69.5	57	3.5	3.6	4	90	5.15	2.5	48.6	5.9	6.5	110.2
c 11416	do.	do.	do.	8.9	74	56.5	2.9	3.55	3.78	84.2	18 4.65	2.5	48.8	3.7	6.8	113.3
39	A. L. A.	Robe	do.	9.4	69.5	58.5	3.2	3.28	3.7	86.6	5	2.55	51	3.9	6.7	113.6
e 4881	S. A. M. A.	Walleroo	do.	10	63.5	49	---	3.4	3.9	87.2	19 4.8	2.7	56.2	6.8	7	102.9
27	A. L. A.	Swanport	do.	9.3	60	50	---	3.32	3.85	86.2	5	2.5	50	6.2	6.8	109.7
119	S. A. M. A.	do.	do.	9	72.5	50	---	19 3.3	19 3.75	88	19 5.2	2.5	48.1	6	6.9	115
250	do.	do.	do.	10.3	64.5	51	3.4	3.22	3.98	80.9	5	2.75	55	6.6	6.8	103
410	do.	Yorke Peninsula	do.	9.2	64.5	47	3	3.5	3.75	93.5	5	2.6	52	6.6	6.7	101.5
e 1368	do.	Near Adelaide	do.	10.2	61	47	3.6	3.52	4.22	83.7	5.1	2.7	52.9	7.1	7.3	102.8
37	A. L. A.	Coboolya	do.	10.8	64	46	4.3	3.9	4.22	78.7	4.6	3	63.3	7	7.3	100
15955	N. M. M.	St. Kilda	do.	9.3	65.5	53.5	---	3.15	3.9	80.2	4.6	3	63.2	6.7	7.3	100
84	S. A. M. A.	Coorong	do.	9.8	69.5	65	---	3.4	3.8	89.5	3.2	2.6	50	6.7	7.3	100
+ 92	do.	Port Augusta	do.	8.8	71	51	---	3.3	3.62	91.2	4.7	2.7	57.4	5.5	6.7	121.8
163	do.	do.	Adolescent but all 3 molar erupted.	8.8	66.5	43.5	---	3.3	3.62	91.2	4.7	2.7	57.4	5.5	6.7	121.8
345	do.	Swanport	Adult	9.6	68	50	3.3	3.28	3.9	84.1	4.75	2.8	59	6.3	7.1	112.7
e 368	do.	Adelaide	do.	9.8	65	49.5	3.4	3.6	3.85	93.5	5.45	3.3	60.6	6.6	7.3	110.6
* 11410	do.	do.	do.	9.2	73	55.5	3.1	3.52	3.95	89.1	5	3	66	6.6	6.9	115
A4	do.	Near Adelaide	do.	9.6	73	55.5	---	3.38	4.08	77.9	13 4.9	3	61.8	6.3	7.1	112.7
B3495	A. M. S.	do.	do.	9.4	64	46.5	---	3.3	4.2	73.6	4.9	2.8	57.1	6.1	6.8	111.5
10597	N. M. M.	do.	do.	9.1	64	42	4	28.8	3.85	74.8	4.55	2.75	60.4	6.4	7.4	112.1
30	S. A. M. A.	Port Lincoln	do.	9.2	66.5	43.5	---	3.25	3.7	87.8	4.9	2.8	57.1	6.4	6.5	101.6

226	do	do	do	51	70	9.2	65	53	3.4	3.45	3.9	88.5	4.95	2.6	5.25	6	6.2	105.5
227	do	do	do	53	53	9.2	65	53	3.4	3.32	3.78	87.8	18.4.75	2.55	5.7	6.4	6.6	103.1
254	do	do	do	46	60.5	9.1	60.5	46	3.4	2.92	3.70	77.9	4.4	2.7	61.4	6.3	6.4	101.6
257	do	do	do	48.5	69	8.6	69	48.5	3.4	19.3.45	19.3.65	94.5	5	2.55	51	0	6.6	110
4 570	do	do	do	51	62	9.6	62	51	3.4	3.25	3.9	83.3	4.7	2.85	62.8	5.7	6.1	107
114	do	do	do	50	74	9.2	72	50	3.4	33.5	30.3.8	93.4	13.4.9	2.5	51	5.8	6.4	110.3
238	do	do	do	56.5	66.5	9.6	66.5	43.5	3.4	23.65	20.3.85	94.8	18.4.85	2.55	52.6	5.7	6.4	106.2
102	do	do	do	52.5	70.5	9.6	66.5	43.5	3.4	3.45	4.05	85.2	4.7	2.5	49.5	5.7	6.8	115.8
309	do	do	do	42	69.5	8.8	70.5	52.5	3.4	3.4	4.1	85.2	4.45	2.6	55.5	5.7	6.6	115.8
16	do	do	do	53.5	70.5	9.6	69.5	42	3.35	3.45	4.05	85.2	4.45	2.6	58.4	5.7	6.1	95.3
35	do	do	do	61	70.5	9.2	70.5	61	3.5	3.28	3.7	88.6	4.85	2.5	51.5	5.7	6.7	117.5
157	do	do	do	38.5	63	8.4	63	38.5	3.5	3.3	3.6	91.7	4.8	2.6	54.2	6	6.9	115
258	do	do	do	46	63.5	8.4	63.5	46	3.5	3.12	3.85	81	4.8	2.7	56.2	6.3	7.2	114.3
63	do	do	do	49	68.5	9.2	68.5	49	3.4	3.48	3.9	87.2	4.7	2.7	60.2	6.2	6.4	103.2
155	do	do	do	50.5	67	9.2	67	50.5	3.4	19.3.55	19.4	87.3	5.05	2.45	52.1	6.5	6.3	96.9
396	do	do	do	53	66	9.6	66	53	3.4	3.38	3.9	86.1	3.05	2.65	52.6	3.9	7.3	123.7
307.5	do	do	do	48	63	8.8	63	48	3.2	19.3.4	19.3.8	83.5	4.7	2.5	53.2	5.8	6.8	100
S	do	do	do	48	63	10.2	63	48	3.2	20.3.2	3.78	87.3	18.4.3	2.5	58.1	6.7	6.3	110.5
2828	N. M. M.	do	do	56	69.5	9.7	64	56	3.4	20.3.2	3.95	88.6	18.5.05	3.05	62.2	6.5	6.4	98.5
231	S. A. M. A.	do	do	56	69.5	9.4	69.5	56	3.5	3.42	3.95	86.6	5.3	2.6	49.1	6.7	7.1	106
434	do	do	do	45	67	9.4	67	45	3.5	3.35	3.88	86.9	5	2.6	52	6.1	6.4	104.9
H18	do	do	do	56	67	8.8	69	56	3.5	3.55	4.03	87.6	18.5.4	2.85	52.8	6.7	6.7	114.9
411	do	do	do	56	64	9.7	64	56	3.4	3.4	3.8	89.5	5	2.6	52	6.5	6.9	117
420	do	do	do	56	64	9.7	64	56	3.4	3.3	3.95	88.6	18.5.05	2.45	48.5	6.5	6.4	98.5
287	Dr. Campbell's	do	do	52	69.5	9.4	69.5	52	3.4	3.35	3.88	86.9	5	2.6	52	6.1	6.4	104.9
101	S. A. M. A.	do	do	52	69.5	9.7	64	56	3.4	3.3	3.95	88.6	18.5.05	2.45	48.5	6.5	6.4	98.5
318	Dr. Campbell's	do	do	52	69.5	9.4	69.5	56	3.4	3.35	3.88	86.9	5	2.6	52	6.1	6.4	104.9
389	S. A. M. A.	do	do	54	73.5	9.1	73.5	54	3.1	3.55	3.9	91	5.2	2.35	45.2	6.2	7.1	114.5
405	do	do	do	57	67.5	8.9	67.5	57	3.1	3.1	3.75	87.7	4.25	2.95	69.4	5.9	6.7	113.6
436	do	do	do	58	70	9.2	70	58	3.2	3.25	3.95	83.5	18.4.9	2.9	59.2	5.9	6.7	113.6
282	do	do	do	55	69	9.2	70	55	3.42	3.42	4.05	84.4	18.4.85	2.8	57.7	5.8	6.4	110.3
24	A. L. A.	do	do	52	69	9.2	70	52	3.6	3.42	3.55	96.5	4.8	2.35	49	5.8	6.4	110.3
232	S. A. M. A.	do	do	48	67	8.8	67	48	3.6	3.32	4.1	81	4.9	2.7	55.1	6.2	7.1	112.9
3079	do	do	do	45	68	8.8	68	45	3.6	(22)	3.92	81	4.9	2.7	55.1	6.2	7.1	112.9
160	do	do	do	48	71	8.8	71	48	3.6	3.55	4.15	85.5	5.3	2.65	50	6.3	6.95	110.2
208	do	do	do	53	72	9.6	72	53	3.48	3.22	3.9	82.6	4.45	2.85	64	5.9	7	118.6
334	do	do	do	47.5	64	9.1	64	47.5	3.3	3.48	3.98	87.4	4.95	2.7	54.6	6.0	7.3	119.7
29	do	do	do	50.5	69	8.8	67	49	3.4	3.62	4.02	90	18.4.3	3.3	58.9	5.9	6.4	114.1
p 226	do	do	do	31	70.5	9.1	69	50.5	3.4	3.12	3.9	80	18.4.3	2.25	52.5	5.9	6.9	117
A	do	do	do	48	67	8.8	67	48	3.8	3.25	3.85	83.6	5.5	2.2	47.5	6.3	6.7	106.4
Z	do	do	do	51	65	9.4	65	51	3.1	3.22	3.85	84.4	18.4.7	2.7	49.1	5.8	6.9	119
114	do	do	do	51.5	66.5	9.4	65	51	3.1	3.8	3.85	84.4	18.4.7	3	61.2	6.2	6.7	108.1
395	Dr. Campbell's	do	do	49.5	67.5	8.9	66.5	49.5	3.32	3.32	3.9	86.9	4.7	2.75	58.5	6.2	6.7	108.1
69	S. A. M. A.	do	do	49.5	67.5	8.9	67.5	49.5	3.25	19.3	19.3.6	83.3	4.4	2.55	58.5	6	6.6	110
	do	do	do	50	69	8.4	69	50	3.22	3.25	3.7	87.8	18.4.7	2.45	52.1	6.5	6.6	110
	do	do	do	50	69	8.4	69	50	3.22	3.22	3.82	84.5	4.6	2.4	52.2	5.5	6.3	114.6

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 14.

SOUTH AUSTRALIAN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
310	S. A. M. A.	Swanport.	Adult.	9.7	66	45	3.4	3.35	3.85	87	4.8	2.65	55.2	6.5	6.5	100
C ₂	Dr. Campbell's.	Lower Murray River.	Near adult	9.4	66	45	3.4	3.4	3.68	92.4	4.8	2.7	56.2	6	6.9	115
1036	S. A. M. A.	Ardrrossan.	Adult.	9.3	66	45.5	3.52	3.52	3.85	91.4	4.95	2.55	51.5	6.3	6.7	106.4
4	Dr. Campbell's.	Lower Murray River	do.	9.2	65	54	3.38	3.45	3.45	98	4.6	2.55	55.4	6	6.3	105
r 425	S. A. M. A.	Cournamont.	do.	9.4	70	60	3	3.48	4.08	85.2	4.7	3.15	67	6	7.2	120
400	do.	Coorong.	do.	9.8	69.5	51	3.5	3.58	3.8	94.2	5	2.65	53	5.9	7	118.6
Totals				(169)	(160)	(160)	(62)	(170)	(170)	(170)	(170)	(170)	(170)	(167)	(167)	(167)
Average				1,565.4	67	50	316.5	389.22	680.38	86.8	854.45	469.6	55	981.9	1,072.25	109.3
Minima				9.45	67	50	3.44	3.55	3.86	86.8	4.56	2.67	55	6.25	6.1	6.83
Maxima				10.8	59	31	2.8	2.6	3.52	65	4.1	2.2	45.1	5.5	8	94.1
				10.8	78	63.5	4.5	3.8	4.3	100	5.8	3.3	69.4	7.2	8	125

* No allowance made for wear in any case.

† Damaged.

‡ Whole skeleton.

§ Some bones.

¶ Very short alveolar process.

‡ Skeleton indicates a small male.

• Very massive; parietal thick; about 6.8 mm.

▲ Damaged.

† Surely male.

‡ Basion gone; estimated from height to border of foramen magnum behind condyle.

§ Both lower median incisors, both upper median incisors, and right upper lateral incisor missing.

¶ Slightly female-like, but probably male.

‡ Part of skeleton.

• Base of auditory meatus line to bregma.

† All teeth lost in lower jaw. Right upper median incisor missing.

‡ NOTE.—For footnotes to reference figures see p. 3.

† Supraorbital ridges and orbits look female-like, but surely male.

‡ Lower jaw female-like, but skull male.

• Massive.

† Lower jaw has very square chin.

‡ Nasal cavity proper; great prenasal fossae, but in the nose.

§ Internal nose; external nose=5.15.

¶ Left=3.35; slight injury to bone over left orbit, but effect questionable.

‡ Lower jaw receding.

• To line of gutters=5.3.

† Round smooth tumor in palate; big hole.

‡ Very prognathic; lower jaw a trace receding.

• Lower jaw has no menton prominence; vertical when standing, sloping backward when in position.

† Very thick alveolar process adjoining molars.

‡ Alveolar arch square in front.

NORTHERN TERRITORY CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
195	S. A. M. A.	Anson Bay	Adult	19.6	12.1	13.4	61.7	84.8	15.93	11.7	7.4	13.7	85.4	69.7	11.6	10.5
115	do	Tennant Creek	do	19.4	12.1	13.5	62.4	84.2	14.93	12.2	7.3	13.1	89.1	66.7	11.6	10.9
138	do	do	do	19.5	12.4	14.1	63.6	88.1	15.33	11.4	7.2	14	93.1	67.1	10.8	10.3
a 176	do	Anson Bay	do	18.2	11.6	13.4	63.7	83.3	14.40	10.6	6.3	13	81.6	48.5	10.5	10.5
79	do	MacDonnell Ranges	do	20	12.8	13.6	64	82.9	13.47	10.9	6.3	13	81.6	48.5	10.5	10.3
16115	N. M. M.	do	do	19.9	12.8	13.6	64.5	82.9	13.43	11.9	7.4	13.7	86.9	64	11	10.6
3080	S. A. M. A.	Melville Island	do	18.2	11.8	13	64.8	86.7	14.33	11.4	6.9	13.7	87.7	63.1	10.3	10.3
122	Dr. Basedow's	Arnhem Land	do	19.6	12.8	13	65.8	80.2	15.13	11.7	6.8	13.7	85.4	49.6	10.5	9.8
129	S. A. M. A.	Melville Island	do	19.5	12.8	14	65.6	86.4	15.43	11.3	7	13.8	81.9	60.7	10.9	10.9
181	do	do	do	18.4	12.1	13.7	65.8	80.1	14.73	10.9	6.4	13.4	81.9	47.8	10.6	10.3
18507	do	Anson Bay	do	18.8	12.4	13.4	66.8	85.9	14.87	11.5	7.1	12.7	90.6	56.9	10.8	10.4
16126	N. M. M.	do	do	18.7	12.4	13.9	66.8	89.1	15	11.5	6.4	13.5	90.6	47	10.8	10.4
135	do	do	do	19	12.6	13.1	66.8	82.9	14.90	11.4	7.1	13.6	85.8	47	11.1	11.1
136	S. A. M. A.	do	do	19.3	12.9	14.4	66.8	89.4	15.53	12.1	7.3	14.1	85.8	51.8	10.6	10.9
214	do	do	do	19.4	13	13.2	67	81.6	15.20	11.3	7.1	14.1	80.1	60.4	10.9	10.6
16377	do	Barrooloola	do	20.6	13.8	14.4	67	88.7	16.27	11.3	7.1	14.1	80.1	60.4	10.9	11.2
142	N. M. M.	do	do	18.2	12.2	13.5	67	88.8	14.63	11.5	7.1	13.6	85.8	62.2	10.9	10.6
428	S. A. M. A.	Melville Island	do	18.3	12.3	13.5	67.2	88.8	14.70	11.5	7	13.4	85.8	62.2	10.9	10.7
130	do	do	do	18.6	12.5	13.6	67.2	87.2	14.90	11.8	7.3	12.6	86.6	67.9	9.8	9.9
194	do	do	do	18.7	12.6	13.6	67.4	87.4	14.90	11.8	7.3	12.6	86.6	67.9	9.8	9.9
203	do	Anson Bay	do	18.7	12.6	13.6	67.4	87.4	14.90	11.8	7.3	12.6	86.6	67.9	9.8	9.9
5	do	do	do	18.4	12.4	14.1	67.4	87.4	14.97	11.1	6.6	13.1	81	48.8	10.1	10.2
5	L. A.	do	do	18.7	12.6	13.2	67.4	87.4	14.97	11.1	6.6	13.7	81	48.8	10.1	10.2
16359	N. M. M.	A. L. A.	do	18.7	12.6	13.4	67.4	84.6	14.83	11.1	6.9	13.6	81.6	60.7	11.4	10.6
191	S. A. M. A.	do	do	18.6	12.6	13.2	67.4	84.6	14.90	11.5	6.9	12.7	80.6	64.3	9.6	10.4
56	do	Anson Bay	Near adult	18.4	12.5	13.9	67.9	84.6	14.80	10.9	6.7	13.8	79	49.6	11.1	10.7
230	do	do	do	18.4	12.5	13.2	67.9	80.8	14.93	11.1	6.9	12.4	89.5	65.6	11	10.4
17083	do	Rosewood Downs	do	18.8	12.8	12.6	68.1	82.9	14.73	11.1	6.7	12.9	89.5	61.9	10.1	9.9
16132	N. M. M.	do	do	18.8	12.8	13.1	68.1	82.9	14.90	11.1	6.9	13.6	89.5	61.9	10	10.2
28227	do	do	do	18.2	12.4	13.7	68.1	88.5	14.77	11.9	6.4	13.5	88.2	64.8	10.6	10.3
17084	do	East Alligator River	do	18.2	12.4	13.6	68.1	88.9	14.73	11.2	6.9	13.3	84.2	61.9	11.1	10.2
7	do	do	do	19.1	13	13.9	68.1	86.9	15.33	11.2	7.3	13.7	84.2	61.9	10.9	10.4
378	S. A. M. A.	Newcastle Waters	do	18.6	12.7	13.6	68.3	87.2	14.97	11.2	7.3	13.7	84.2	61.9	10.9	10.2
378	do	Melville Island	do	18.4	12.6	13.8	68.5	86.8	14.77	11.2	7.1	13.1	79.2	49.2	9.8	10.6
378	do	do	do	17.8	12.2	12.8	68.5	86.5	14.27	10.3	6.4	13	79.2	49.2	9.8	9.4

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 21.

NORTHERN TERRITORY CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
28732	N. M. M.	East Alligator River	Near adult	18.4	12.6	14	68.5	90.5	15	711.8	7.4	13.9	86.1	52.5	10.6	10.7
137	S. A. M. A.	do	do	18.9	13	13.2	68.8	82.5	15.03	711.8	7.2	13.7	86.1	52.6	11.2	10.5
207	do	Anson Bay	do	18.3	12.6	13.2	68.8	86.7	14.70	711.8	7.3	13.4	86.1	54.5	11.1	10.6
229	do	do	do	18.3	12.6	13	68.8	84.4	14.63	410.6	6.4	12.7	87.5	50.1	10.4	10
16370	N. M. M.	Melville Island	do	18.6	12.8	13.4	68.8	89.2	15.51	411.2	6.6	13.0	89.6	47.5	11.5	10.8
16108	do	do	do	18.6	12.8	13.4	68.8	85.7	14.63	2312.1	7	13.6	89	51.2	10.9	10.1
16374	do	do	do	18	12.4	13.2	68.9	86.8	14.53	210.6	6.2	13.6	82.8	48.4	10.8	10.6
6	S. A. M. A.	Daly River	do	17.4	12.4	13.6	69	92.5	14.53	210.6	7.1	12.8	81.4	54.7	10.4	10
19488	N. M. M.	do	do	19	13.1	14	69	87.5	15.37	211.4	7	14	81.4	50.7	11	10.6
429	S. A. M. A.	Melville Island	do	19.1	13.2	14.4	69.1	88.9	15.57	711.5	6.9	13.8	85.5	50	11	10.4
16369	N. M. M.	do	do	17.8	12.3	14.2	69.1	94.7	14.77	411.7	7.1	13.6	86	52.3	11	10.6
134	S. A. M. A.	do	do	18.8	13	13.8	69.2	86.8	15.20	112.3	7.2	13.7	89.8	52.6	10.1	10.6
427	do	Melville Island	do	18.8	13	13.6	69.2	85.5	15.13	412.2	7.2	13.8	82.4	52	10.8	10.9
16123	N. M. M.	do	do	18.8	13.3	13.8	69.2	86.8	15.20	210.3	6	13.6	75.7	44.1	10.7	10.7
11443	S. A. M. A.	McArthur River	do	19.2	13.3	14.4	69.5	88.9	15.63	711.5	7.2	13.6	77.9	46.5	11.3	11.4
141	do	do	do	18	12.5	13.6	69.4	85.5	14.50	210.6	6.5	13.6	69.4	43.1	10.8	10.4
377	do	Melville Island	do	18.4	12.8	12.6	69.6	80.8	14.60	210.6	6.2	13.4	69.4	43.1	10.8	10.5
16122	N. M. M.	do	do	18.4	12.8	13.6	69.6	87.2	14.93	412	7.4	13.4	89.6	52.2	10.8	10.5
19688	do	Basson River	do	18.8	13.1	14.4	69.7	87.6	15.30	211.5	7	14.1	81.6	49.6	10.5	10.7
62	S. A. M. A.	Borroloola	do	19.2	13.4	14.4	69.8	86.5	15.67	211.5	7.7	14.4	79.9	48.6	10.6	10.1
19489	N. M. M.	do	do	19.2	13.4	13.9	69.8	85.5	15.50	711.9	7.7	13.9	86.6	55.4	10.4	10.1
28719	do	East Alligator River	do	(18.6)	(13.2)	(13.2)	(69.9)	(85.5)	14.93	11.3	6.5	13.9	89	46.8	10.1	10.1
9	S. A. M. A.	Port Essington	do	18.3	12.8	13.4	70	85.9	14.83	10.11	6.7	12.7	89	52.8	9.7	9.8
152	do	do	do	18	12.6	13.4	70	85	14.53	10.11	6.6	12.3	89.4	52.7	10.3	9.9
184	do	Anson Bay	do	18.3	12.8	13.7	70	87.8	14.93	10.11	7	13.7	81.7	61.1	10.8	11
376	do	Melville Island	do	18	12.6	13	70	85	14.53	410.8	6.7	13.3	81.2	60.4	10.1	9.8
16105	N. M. M.	do	do	18.5	13	14.2	70.5	89.9	15.23	411	6.8	14	78.6	48.6	11.8	10.6
28722	do	East Alligator River	do	19	13.4	13.7	70.5	84.6	15.37	411	7.5	14	88.6	53.6	10.7	10.4
66	S. A. M. A.	Port Darwin	do	18	12.7	13	70.6	84.4	14.57	411	6.5	13.4	86.7	48.5	10.8	9.7
74	do	Bowen's Straits	do	18.4	13	13.9	70.6	88.6	15.10	111.7	6.5	13.5	86.7	61.1	10.8	10.6
186	do	Anson Bay	do	18	12.7	12.8	70.6	83.1	14.50	10.9.9	6.9	13.2	86.7	44.7	10.8	10.2
16116	N. M. M.	do	do	18.4	13	12.9	70.6	82.2	14.77	711.5	6.8	14	82.1	48.6	10.3	10.4
188	S. A. M. A.	MacDonnell Ranges	do	18.8	13.3	13.9	70.7	82.2	14.77	711.5	6.8	14	82.1	48.6	10.3	10.4
16379	N. M. M.	do	do	18.8	13.3	13.9	70.7	86.9	15.33	411.8	7.1	13.9	84.9	51.1	9.6	10.2

140	S. A. M. A.	do	18.5	13.1	13.6	70.8	86.1	15.07	11	10.5	6.1	7.4	13.7	78.4	65.6	10.3	10.2
78	do	do	18.3	13.1	13.4	71	86.9	14.90	4	10.9	7.4	7.4	13.7	78.4	65.6	10.3	10.2
202	do	do	18.6	13.2	13.3	71	83.6	15.03	4	10.9	7.4	7.4	13.9	78.4	65.6	10.3	10.2
9	A. L. A.	do	18.0	13.2	13.3	71	81.8	14.93	7	10.7	7.4	7.4	13.3	78.4	65.6	10.3	10.2
123	S. A. M. A.	do	18.0	12.8	13.2	71.1	85.7	14.67	2	10.1	5.9	5.9	13.5	74.8	43.7	10.4	10.5
	do	do	17.7	12.0	13.2	71.2	87.5	14.83	3	10.8	5.9	5.9	13.6	83.1	50.7	10.4	10.1
* 211	do	do	19.2	13.7	14.7	71.4	89.6	15.87	2	11.4	6.6	6.6	13.6	83.1	50.7	10.4	10.1
1612	N. M. M.	do	18.5	13.2	13.8	71.5	87.3	15.17	2	11.4	6.9	6.9	13.7	83.2	50.4	11.6	10.9
* 16373	do	do	17.9	12.8	13.7	71.6	89	14.80	4	10.7	6.5	6.5	13.1	81.7	49.6	10.6	10.3
185	S. A. M. A.	do	18.3	13.1	13.6	71.6	86.6	15	2	11.4	6.8	6.8	13.6	83.8	50	10.6	10.3
	A. L. A.	do	19.4	13.9	13.5	71.6	81.9	15.60	2	11	7.7	7.7	13.6	80.9	50	10.1	10.4
1133	S. A. M. A.	do	18.4	13.2	13.5	71.7	85.4	15.03	2	11	6.8	6.8	13.6	80.9	50	10.3	10.2
17087	N. M. M.	do	18.8	13.5	13.8	71.8	86.2	15.37	2	11	7.2	7.2	13.7	80.9	50	10.6	10.2
A5114	A. M. S.	do	18.1	13	14.6	71.8	93.6	15.23	m	13.5	7.1	7.1	13.5	86.1	52.6	10.5	9.8
60	S. A. M. A.	do	18.5	13.3	13.2	71.9	83	15	10	11.8	14.7	14.7	14.3	79	51.8	10.5	9.8
* 77	do	do	19.2	13.8	13.3	71.9	80.6	15.43	10	11.3	(13)	13.3	14.5	93	57.4	10.1	10.8
17081A	N. M. M.	do	19.2	13.8	14.4	71.9	87.3	15.80	7	12	(14)	12.9	14.9	93	57.4	10.1	10.4
* 218	S. A. M. A.	do	18.9	13.0	12.4	72	76.6	14.97	12	12	(14)	12.9	14.9	93	57.4	10.1	10.4
206	do	do	18.6	13.4	13.4	72	83.1	15.10	13	12	(14)	12.9	14.9	93	57.4	10.1	10.4
139	do	do	18.3	13.2	13.6	72.1	86.1	15.03	10	11.7	7.4	7.4	14.4	81.2	51.4	11.2	11.1
178	do	do	18.3	13.2	13.2	72.1	83.5	14.90	10	11	7.1	7.1	14.3	76.9	49.6	10.6	10.3
16372	N. M. M.	do	17.9	12.9	13.2	72.1	85.7	14.67	11	11	6.7	6.7	13.2	84.1	50.8	11	10.2
16117	do	do	* 18.1	13.1	13.6	72.4	87.2	14.93	4	10.9	7	7	14.1	77.8	49.6	10.8	10.5
16127	do	do	18.5	13.4	13.4	72.4	83.8	15.10	2	11.2	6.8	6.8	13.7	81.8	49.6	11	10.7
* 23717	do	do	17.4	12.6	13.4	72.4	82.5	14.47	2	11.5	7	7	13.5	85.2	51.8	10.3	9.9
5	S. A. M. A.	do	18.2	13.2	12.7	72.5	80.9	14.70	3	11.5	7	7	13.0	85.2	51.8	10.3	9.8
19487	N. M. M.	do	18.6	13.5	13.8	72.6	86.2	15.30	7	10.6	6.7	6.7	13.3	79.7	50.1	10	10.2
43	A. L. A.	do	18.7	13.6	12.9	72.7	79.6	13.07	9	11.4	6.7	6.7	13.3	87.7	51.5	9.9	9.8
16125	N. M. M.	do	17.8	13	13.3	73	86.4	14.70	3	10.2	6.1	6.1	13.3	76.7	46.9	10.6	10
85	do	do	17.5	12.9	13.3	73.9	87.0	14.57	7	11.3	6.8	6.8	13.4	84.3	50.8	10.4	10
373	S. A. M. A.	do	18.4	13.6	13.7	73.9	86.6	13.23	13	12.3	7.1	7.1	13.1	88.6	54.2	10.3	9.6
183	do	do	17.7	13.1	13.5	74.4	93.6	15.07	4	11.6	6.5	6.5	13.0	78.7	47.8	10.6	10
16106	N. M. M.	do	18	13.4	14.4	74.4	86	14.37	3	10.7	7.2	7.2	14.1	83.1	51.1	11.1	10.3
13033	do	do	17.7	13.2	13	74.6	84.4	14.93	3	10.8	6.5	6.5	13.2	83.1	51.1	11.1	10.3
55	S. A. M. A.	do	17.5	13.1	13.4	74.9	87.6	14.67	10	11.2	6.7	6.7	12.6	88.9	53.2	10.6	10.6
# 61	do	do	(17.6)	(13.2)	(75)	(92.2)	(92.2)	(15)	11.2	6.7	6.7	6.7	13.2	80.5	50.5	10.6	9.7
# 72	do	do	18	13.6	13.2	75	83.5	14.93	4	11.1	6.7	6.7	13.3	83.5	50.5	10.6	9.9
67	do	do	17.9	13.6	14	76.8	82.9	14.87	4	11.1	(13)	13.3	13.3	83.5	50.5	10.6	9.9
# 16367	N. M. M.	Adult.	(17.7)	(13.6)	(14)	(76.8)	(89.7)	(15.10)	2	12	7.4	7.4	13.6	88.2	54.4	10.8	10.8
A5113	A. M. S.	do	(17.1)	(14.6)	(13.6)	(85.4)	(86.1)	(13.10)	1	12.3	7.7	7.7	13.2	88.2	54.4	10.3	10.1
P	S. A. M. A.	do	20.6	13.9	14.7	(85.4)	(86.1)	(13.10)	1	12.3	7.7	7.7	13.2	88.2	54.4	10.3	10.1
Totals	do	do	1,910.3	1,328.9	1,365.6	(103)	(101)	(101)	(79)	(69)	(69)	(69)	(101)	(77)	(62)	(61)	(60)
Average	do	do	18.56	12.9	13.52	69.6	86	14.99	14.26	6.9	6.9	6.9	13.52	83.2	51	968.4	1,086.6
Minima	do	do	17.4	11.6	12.4	61.7	76.5	14.27	11.25	5.9	5.9	5.9	12.3	69.4	45.1	9.6	10.62
Maxima	do	do	20.6	13.9	14.7	76	94.7	16.27	12.3	7.7	7.7	7.7	15	93.6	57.4	11.8	11.1

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 21.

NORTHERN TERRITORY CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial angle	Alv. angle	Lower jaw, Height of symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal index $\left(\frac{l}{b} \times 100\right)$
195	S. A. M. A.	Anson Bay	Adult	10.2	62.5	50	3.7	3.15	7.75	84	5	2.75	55	6.8	6.9	101.5
115	do.	Tennant Creek	do.	9.6	(71)	(52)	---	3.75	4.1	91.5	5	2.95	56.7	1 (6.4)	7	104.7
138	do.	do.	do.	9.6	65	48	---	3.42	3.7	83.8	5	2.8	56	6.7	7	104.5
• 176	do.	Anson Bay	do.	9.6	70.5	49.5	3.1	19	3.1	83.8	4.45	2.8	60.7	5.8	6.5	112.1
79	do.	do.	do.	9.4	---	---	---	3.5	3.5	86.5	4.65	2.6	55.9	---	---	---
16115	N. M. M.	MacDonnell Ranges	do.	9.9	67	78	3.5	3.2	3.7	86.5	4.95	2.7	54.6	6.4	7.3	114.1
3080	S. A. M. A.	Melville Island	do.	9.2	70.5	51.5	3.2	3.12	3.8	82.1	5.05	2.7	53.6	6	6.8	113.3
	Dr. Basedow's	Arnhem Land	do.	9.4	65	54.5	3.8	3.2	4	79.5	4.7	2.65	56.4	6.2	6.5	104.8
	S. A. M. A.	Melville Island	do.	9.9	71.5	48	---	3.9	3.72	83.4	4.9	2.8	57.1	6.1	6.9	111.3
122	do.	do.	do.	9.4	70	48	---	3.15	3.72	83.4	4.7	2.6	55.8	6.2	6.5	106.6
129	do.	do.	do.	9.4	70	48	3.45	3.42	4.08	83.8	5	2.65	53.4	9.1	6.4	104.9
181	do.	Anson Bay	do.	9.6	68	44	---	3.05	3.9	78.2	4.7	2.7	57.4	---	---	---
18507	N. M. M.	do.	do.	9.6	---	---	---	2.9	3.95	73.4	4.8	2.8	58.3	---	---	---
16126	do.	do.	do.	9.6	---	---	---	3.45	3.95	73.4	4.8	2.8	58.3	---	---	---
135	S. A. M. A.	do.	do.	9.4	72.5	51	3.5	3.45	4.1	84.2	5.1	2.65	52	6.1	6.3	103.3
136	do.	do.	do.	9.6	68.5	51	---	3.28	3.95	83	4.95	2.75	55.6	6.5	7.2	110.8
214	do.	Borroloola	do.	9.9	---	---	---	3.2	4.35	73.6	5.35	3	56.1	---	---	---
• 10377	do.	do.	do.	9.9	---	---	---	3.25	3.9	82.3	5.25	2.85	54.5	---	---	---
142	N. M. M.	do.	do.	9.9	69.5	46	---	3.48	3.85	90.4	4.8	2.5	52.1	6.3	7.1	112.7
428	S. A. M. A.	Melville Island	do.	8.5	69	50.5	3.65	3.08	3.85	90.2	4.8	2.5	54.5	5.8	6.4	110.3
130	do.	do.	do.	8.5	69	50.5	---	3.5	3.78	92.6	4.6	2.6	56.5	6.5	6.3	105
194	do.	do.	do.	9.8	72	75.5	3.5	3.5	3.75	81.3	4.8	2.75	57.3	6.3	6.8	104.6
203	do.	Anson Bay	do.	9.8	65.5	51	3.5	3.05	3.95	76.3	4.8	2.85	53.8	6.3	6.8	107.9
5	A. L. A.	do.	do.	10.2	65.5	51	3.5	3.5	3.65	95.9	4.85	2.85	53.8	6.3	6.8	106.3
16359	N. M. M.	do.	do.	8.8	76	50	3.2	3.5	3.65	95.9	5.2	2.8	53.8	6.3	6.9	106.3
191	S. A. M. A.	Anson Bay	Near adult	10.1	69	54.5	3.5	3.08	3.7	80	4.7	2.85	53.8	6.3	6.9	106.3
56	do.	do.	Adult	9.8	66.5	53	3.2	3.55	3.7	96.9	4.7	2.5	47.2	6	6.3	113.3
• 230	do.	do.	do.	9.6	68.5	69	3.2	3.05	3.9	78.2	4.8	2.3	47.9	6.6	7.3	110.6
17083	N. M. M.	Rosewood Downs	do.	9	72	52.5	3.8	3.58	4.1	87.3	19	2.95	56.7	5.8	6.7	115.5
16132	do.	do.	do.	9.2	67	50	3.8	3.4	3.85	83.3	19	2.55	50.5	6.4	6.8	106.2
28727	do.	do.	do.	9.4	64	40	3.4	3.3	3.85	85.7	4.85	2.6	53.6	6.4	6.6	108.1
17084	do.	East Alligator River	do.	9.6	66.5	49	---	3.65	4.05	90.1	5.2	3.05	53.6	6.4	6.9	107.8
7	S. A. M. A.	Newcastle waters	do.	9.2	---	---	---	3.58	3.75	84.8	4.8	2.6	54.9	---	---	---
378	do.	Melville Island	do.	8.8	67	56.5	3	3.72	4.15	89.6	4.9	2.85	53.2	(*)	6.3	106.8
	do.	do.	do.	8.8	67	56.5	---	3.12	3.68	84.8	4.3	2.6	50.2	---	---	---

28732	N. M. M.	do	9.4	70.5	52.5	3.7	4.1	90.2	5.3	2.8	52.8	6.6	104.8
137	S. A. M. A.	do	10	63.5	53.5	3.4	3.65	93.2	4.9	2.3	46.9	6.3	117.6
207	do	do	9.8	67	52	3.5	3.8	92.1	5.06	2.8	55.4	6.4	107.8
4229	N. M. M.	do	9.3	68.5	50	3.2	3.58	79.6	19.47	2.9	61.7	6.1	112.9
16370	N. M. M.	do	10.2	67	41	3.4	3.95	80.5	19.5	2.95	59	6.2	106.4
16108	do	do	9.5	64.5	44.5	3.5	3.6	87.5	4.9	2.65	54.1	6.3	112.4
16374	do	do	9.7	71.5	47	3.15	3.75	82.2	19.47	2.6	56.4	6.5	102.6
6	S. A. M. A.	do	9.7	67	50	3.4	3.25	87.4	4.65	2.85	55.9	6.1	112.7
19488	N. M. M.	do	9.9	68	53.5	3.45	4.28	85.9	5.1	2.85	57.6	6.3	114.5
429	S. A. M. A.	do	9.6	67.5	45	3.7	4.08	83.9	19.51	2.7	52.9	6.2	103.2
16369	N. M. M.	do	9.6	67.5	46	3.45	3.9	83.6	5.1	2.8	54.9	6.2	111.8
427	S. A. M. A.	do	9.7	70	50	3.4	3.92	84.8	5.5	3	54.9	6.3	115.9
16123	N. M. M.	do	9.7	70	50	3.2	4.05	77.8	19.45	3	54.9	6.3	107.9
11443	S. A. M. A.	do	9.8	71	43.5	3.3	3.98	79.9	5.1	2.65	52	6.5	100.9
377	do	do	9.8	71	53.5	113	4	83.8	19.47	3.1	53.6	6	110.3
16122	N. M. M.	do	9.8	68.5	55	3.05	3.9	79	6	2.6	53.6	6	113.3
15958	do	do	9.8	68	59	3.5	3.6	92.3	5.1	2.65	52	6.2	109.8
62	S. A. M. A.	do	9.4	72.5	54	3.4	4	82.9	4.8	2.8	61	6.1	109.8
19489	N. M. M.	do	9.2	66.5	48.5	3.4	4.05	91.4	19.505	3.45	43.6	6.7	109.2
28719	S. A. M. A.	do	9.1	71.5	51	3.4	4.05	85.7	19.49	3.05	62.2	6.8	107.9
152	do	do	9.6	71	54.5	3.2	3.7	86.6	4.6	3	62.2	6.8	119.3
184	do	do	9	68	49	3.4	3.85	83.6	4.6	2.5	54.4	6	105.3
370	do	do	9.6	73	48.5	3.5	3.8	94.7	5.3	2.95	56.7	6.2	111.3
16105	N. M. M.	do	9.2	68	58.5	3	3.25	83.9	4.7	2.8	59.6	5.8	106.2
28722	do	do	10.6	63	52.5	3.45	2.82	78.9	4.6	2.7	68.7	6.7	104.6
66	S. A. M. A.	do	9.3	67	48.5	3.55	3.6	87.6	5.3	2.6	49.1	6.1	113.1
74	do	do	9.4	62.5	45	3.15	3.85	81.8	4.5	2.7	60	6.1	109.7
186	do	do	9.5	66.5	50	2.85	4	81.2	4.8	3	62.5	6.2	115.6
16116	N. M. M.	do	9.9	72.5	56.5	3.3	3.82	79.8	19.42	2.9	69	5.8	116.1
Q	S. A. M. A.	do	9.9	72	47.5	3.3	3.9	80.8	4.9	2.4	49	6.5	116.1
16379	N. M. M.	do	8.4	74	50	3.1	3.9	76.9	19.39	3	67.7	6.9	121
140	S. A. M. A.	do	9.4	74	55	3.4	3.78	78.8	4.4	2.55	58	6.7	109.8
78	do	do	8.7	70	52.5	3.35	3.92	86.4	5.1	2.7	52.9	6.4	110.3
202	do	do	10.2	66.5	49	3.05	3.95	84.8	5.15	2.8	54.4	6.3	101.6
9	S. A. M. A.	do	9.4	69	50	3.3	3.95	76	4.9	2.6	58.1	6.0	104.8
123	S. A. M. A.	do	9.4	70	48	3.05	3.85	80	4.45	2.65	59.6	6.5	110.2
8	do	do	8.8	71	45	3.5	3.9	89.7	4.9	2.65	51.1	6	106.7
211	do	do	9	68	50.5	3.1	3.85	80.5	4.55	2.55	56.1	6.3	111.1
16112	N. M. M.	do	10.4	67	46	3.2	4.02	84.6	4.9	2.7	51.9	6.7	108.5
16373	do	do	9.6	67	46	3.3	3.85	83.1	19.522	2.9	62.4	6.9	108.5
185	S. A. M. A.	do	9.2	69	45	3.35	3.68	79.9	4.65	2.85	58.2	6.9	120.5
10	S. A. M. A.	do	9.2	70	61.5	3.42	3.9	87.7	4.9	2.55	48.1	6.5	95.4
1133	S. A. M. A.	do	10.2	64	53.5	3.12	3.68	84.8	19.475	2.6	51.7	6.7	103
17087	N. M. M.	do	9.4	67	52.5	3.42	4.15	82.4	5.06	3	59.4	6.2	114.6
A514	S. A. M. A.	do	9.2	69.5	49.5	3.1	3.7	83.8	19.51	2.75	53.9	6.3	106.4
60	S. A. M. A.	do	8.8	72	56.5	3.22	3.9	82.6	* 4.65	2.8	60.2	7.3	114.1
77	do	do	8.8	72	47.5	3.58	4.2	85.2	4.7	2.8	59.6	7.2	106.9

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 21.

NORTHERN TERRITORY CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index (b×100)
17081A	N. M. M.	Borroloola	Adult	8.1	71	89	3.4	3.45	3.92	88	19.5	2.65	62	9	6.5	130.5
• 218	S. A. M. A.	Anson Bay	do.	9				3.98	4.2	94.8	9.9	2.75	69.9			
205	do.	do.	do.					3.35	3.92	85.5	5.15	2.85	65.5			
139	do.	do.	do.	10.2	70	89.5	3.6	3.2	4.02	79.6	5.05	2.95	68.7	6.3	6.7	106.4
178	do.	Anson Bay	do.	9.4	68	52	3.2	3.55	3.88	91.5	4.9	2.6	61.5	6.1	6.4	104.9
16372	N. M. M.	do.	do.	9.6	68.5	42	3.2	3.68	3.95	93.2	4.9	2.95	60.2	6.2	6.3	101.6
16117	do.	do.	do.	9.6	68.5	50.5	3	3.25	3.9	83.5	5	2.8	66	6.3	6.7	106.4
16127	do.	do.	do.	10	69.5	57	3.2	3.28	3.82	86.9	4.7	3.1	66	6.4	7	109.4
• 28717	do.	do.	do.	9.3	67	96	3.2	3.42	3.8	90	4	2.6	62	5.9	6.5	110.2
5	S. A. M. A.	East Alligator River	do.					3.42	4	85.5	4.96	2.75	55.6	(9)		
19487	N. M. M.	Charlotte Waters	do.	9	72.5	52	3	3.45	3.8	90.8	5	2.8	56	5.8	6.8	117.2
43	A. L. A.	do.	do.	8.6	69.5	45.5	3.3	3.5	3.9	89.7	19	4.95	51.5	5.6	6.6	117.9
16125	N. M. M.	do.	do.	9.5	67.5	47	3.1	3.2	3.85	83.1	4.55	2.65	58.2	5.9	6.5	110.2
85	S. A. M. A.	do.	do.	8.8	67.5	44.5	3.2	2.85	3.88	73.4	19	4.65	60.2	5.9	6.3	106.8
375	do.	Malay Bay	do.					3.55	3.72	60	5.1	2.5	47	6	6.8	113.3
183	do.	Melville Island	do.	9	71.5	50	3.2	3.08	3.8	81	4.35	2.25	51.7	6	6.8	113.3
16106	N. M. M.	Anson Bay	do.	9.4	67	52.5	3.5	3.32	3.9	86.1	19	4.86	66.6	6.3	6.3	100
13063	do.	Daly River	do.	9.6	64.5	46.5		3.42	3.98	86.9	4.65	3.15	67.7	3.9	6.9	117
• 55	S. A. M. A.	Newcastle waters	do.	8.9	60.5	49.5		3.4	3.75	90.7	4.65	2.8	69.9	6.7	6.7	111.7
72	do.	do.	Near adult	9.6	70.5	53		3.38	3.92	86.2	4.7	2.8	69.6	6.2	6.6	106.4
67	do.	Port Darwin	Adult	9.1	63.5	43		3.62	3.95	89.1	5.2	2.75	62.9	6.3	6.6	104.8
• 16367	do.	Victoria River	do.	9.1				3.7	3.95	89.1	5.2	2.75	62.9	6.3	6.6	104.8
• 16367	N. M. M.	do.	do.	9.7	70	57	3.6	3.7	4.15	89.2	19	5.2	47.1	5.9	6.9	123.2
A5113	A. M. S.	Port Darwin	do.	9	68	51		3.55	3.7	95.9	4.9	2.45	50	5.6	6.9	123.2
• P	S. A. M. A.	MacDonnell Ranges	do.	9				3.52	3.98	88.4	5.25	2.9	55.2	6.4	7	109.4
Totals				(100)	(60)	(90)	(34)	(167)	(167)	(167)	(169)	(168.5)	(166)	(63)	(92)	(98)
Averages				95.1	68.6	61	180.1	353.28	417.89	513.3	513.3	290.5	290.5	584.7	643.45	672
Minima				9.45	63.6	61	3.34	3.32	3.9	85.1	4.9	2.74	68.9	6.15	6.72	102.3
Maxima				10.6	74	69	3.8	3.98	3.58	73.4	4.2	2.25	46.9	3.6	7.4	123.2

- Colored with red ochre.
- 2 mm. discounted for crest.
- Face normal.
- Moderate intranasal shelves.
- Upper incisors broken out.
- Moderate intranasal shelves.
- Nasal border distinct.

- Prominent supramastoid crests—largest ever seen.
- Lateral incisors shovel shaped; medians show trace.
- Both upper and lower median incisors knocked out.
- Very heavy parietal (8-9 mm.).
- Very heavy parietal (7-9 mm.).
- Zygomatic processes very thick.
- Heavy, low type.

- Surely male.
- All teeth present.
- All stained red (ocher).
- Slightly femalike, but male.
- Tribe Marra Nungga.
- Massive.
- Whole skeleton.

NOTE.—For footnotes to reference figures see p. 3.

VICTORIA CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Blyzgomatle max. (c)	Factual Index, total $\left(\frac{a \times 100}{c}\right)$	Factual Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
12909	N. M. M.	Loddon and Little Murray Rivers.	Adult	20.4	13.3	14.6	65.2	88.9	16.10	43.4	8.3	14.5	92.4	57.2	11.6	10.8
18333	do	Lake Boga.	do	20.1	13.2	14.7	65.7	88.6	16.10	112.4	7.8	14.2	87.3	54.9	11.1	10.7
16214	do	Near Ararat	do	19.8	13.2	13.8	66.7	83.6	15.09	111.6	7.2	13.6	85.3	51.9	11.3	10.9
84	A. L. M.	do	do	19.4	13.1	14	67.5	86.4	15.50		7.2	14.1		51.1	10.8	10.9
13305	N. M. M.	do	do	20.3	13.7	13.5	67.5	79.4	15.83		7.1				11.3	11.2
12912	do	Loddon and Little Murray Rivers.	do	19.4	13.1	14.2	67.5	87.6	15.57		7	14.2		49.5	11.4	10.9
12994	do	Near Swan Hill	do	19.1	12.9	13.7	67.5	85.6	15.23	711.3	6.5	13.3	85	48.9	10.8	10.4
22	A. L. M.	do	do	19.8	13.4	14.2	67.7	85.5	15.80		7.5	13.9		51.7	11.3	10.9
13004	N. M. M.	Wannon River.	do	19.3	13.1	13.4	67.9	82.7	15.27		7.2	13.3		51.1	10.7	10.7
12922	do	Mortlake.	do	19.1	13.6	13.4	68.1	79.8	15.67		7.7	14.1		51.7	11.1	11.1
13010A	do	Near Koondrook.	do	19.2	13	13.4	68.1	83.8	15.17	111.1	7.2	13.2	84.1	51.6	10.7	10.4
16212	do	Warinamboul	do	19.2	13.1	13.7	68.2	84.6	15.33		6.9	14		49.5	10.8	10.2
14319A	do	Strathmarton	do	19.8	13.5	14.3	68.2	86.1	15.87	112.1	(4)	13.4	90.3			10.6
14319A	do	Near Koondrook.	do	19.2	13.1	13.9	68.2	85.8	15.40	10.4	6.1	13.7	75.9	44.5	10.9	10.5
13007A	do	do	do	19.2	13.1	13.6	68.2	84	15.30		6.7	13.8		52.2	11.2	10.9
74	A. L. M.	do	do	19.8	13.6	13.7	68.7	82	15.70		(19)	13.9				10.1
83	do	do	do	18.6	12.8	13	68.8	82.8	14.80		6.9	12.7		51.5	10.6	10.5
A10799	A. M. S.	Port Fairy.	do	20.8	14.3	13.2	68.8	75	16.10		7.1	14.8		48.6	11	10.5
1245	do	Kerung.	do	19.2	13.2	13.6	68.8	81	15.33		7.5	13.4		48.6	11	10.5
13300	N. M. M.	(Torres Strait?)	do	19.1	13.2	13.8	69.1	85.2	15.37		7	13.8		51.1	11	10.4
16229	do	do	do	19.4	13.4	13.3	69.1	87.2	15.70	1010.7	7.2	14.2		51.6	10.9	10.6
12861	do	Kerung.	do	18.8	13	13.3	69.1	87.2	14.93		7.2	13.6	76.4	43.6	11	10.7
16215	do	Nunukulkan.	do	18.8	13	13.3	69.2	81.8	14.93		7.2	13.6	86	43.6	11	10.7
13006A	do	Near Koondrook.	do	19.8	13.7	14.5	69.2	86.5	16	111.6	7.2	14.2	81.7	53.7	11.3	10.7
82	A. L. M.	Lake Boga.	do	18.8	13	13.2	69.2	89	15	111.2	6.9	14.2	89	54.8	9.8	9.7
16211A	N. M. M.	do	do	19.3	13.4	14.4	69.4	87.8	15.70		7.3	14.5	77.2	50.3	11.3	11.1
12736	do	Swan Hill.	do	18.6	12.9	13.5	69.4	85.4	15	112.3	7.4	13.8	89.1	55.6	10.8	10.3
49	A. L. M.	do	do	18.6	12.9	13.6	69.4	86.1	15.03	111.7	7.1	13.4	87.5	55	10.4	10.3
13034	N. M. M.	Near Wicheffe	do	19.4	13.2	12.8	69.5	85.7	15.33		7.1	14.4		51.4	10.4	10.6
48	A. L. M.	do	do	19.4	13.6	14.3	69.6	78	15.23		7.2	14		51.4	10.7	10.7
14323	N. M. M.	Mortlake.	do	19.5	13.6	13.4	69.7	86.1	15.80		7.3	13.4		54.5	10.4	10.1
13268	do	Wimmera district	do	19.2	13.4	13.9	69.8	85.5	15.50		6.1	13.7		44.5	10.9	9.8
18500	do	Koondrook.	do	18.6	13	13	69.9	82.3	14.87	10.6	7	13.8	70.1	44.5	10.9	9.8
12738	do	Murrabit.	do	18.6	13	13	69.9	82.3	14.87	10.9	7	13.8	79	50.7		

12964	do	Hamilton	19	13.3	70	84	15.30	(9)	7.4	14.1	58.5	41.4	11.3
12965	do	Mortlake	19.4	13.6	70.1	83.6	15.60		7.3	14	52.1	11.8	10.7
13126A	do	Jung Jung	19.4	13.6	70.1	83.6	15.67	10 11.5	7.2	14	51.4	11.4	11
13000	do	Jones Creek	18.8	13.2	70.2	84.4	15.17		6.9	14.6	47.5	10.3	10.3
29519	do	Natimuk	18.5	13.9	70.2	81	15.77	10 10.7	6.8	13.7	48.9	11.4	10.5
18501	do	Koondrook	18.5	13.6	70.9	86.1	15.03	7 10.3	6.2	13.9	46.5	10.6	9.7
45	A. L. M.	do	19.2	13.5	70.8	86.6	15.63	4 11.1	7	13.7	46.4	10.9	10.3
14324	N. M. M.	Hexham	19.3	13.4	70.5	86.4	15.47		(0)	13.7	49.7	10.2	10.4
12859	do	Keung	19.3	13.6	70.5	82.5	15.47		7.3	14.7	49.7	10.2	10.5
12907	do	Loddon and Little Murray Rivers.	19	13.7	70.5	84.6	15.37	11 2.2	7.4	13.8	53.6	11.3	10.3
A	do	Rockwood	19.4	13.7	70.6	84.5	15.70	11 1.5	7.1	13.4	53	10.7	10.2
32	A. L. M.	do	18.7	13.2	70.6	80.6	14.93	4 11.7	7.3	13.3	54.9	10.9	10.4
30	do	do	19.2	13.6	70.8	83.5	15.50	4 11.7	7.3	13.3	54.9	11.1	10.5
76	do	do	18.9	13.4	70.9	87.6	15.50		7.2	12.9	55.8	10.6	10.8
19828	do	Mortlake	18.6	13.2	71	87.7	15.10		6.7	12.9	55.8	10.6	10.8
18509	N. M. M.	Koondrook	18.6	13.5	71.1	87.7	14.77	11 1.3	7.1	14.2	50	10.9	10.6
12976	do	Loddon and Murray Rivers	19.4	13.8	71.1	83.5	15.73		7.1	14.2	50	10.9	10.6
3	A. L. M.	do	19.6	14	71.4	72.3	15.67		7.1	14.6	48.6	11.1	10.5
28921	N. M. M.	do	19	13.6	71.4	72.3	15.67		7.1	14.6	48.6	11.1	10.5
12960	do	Lower Wimmera	18.4	13.2	71.7	83.5	14.93	4 11.7	7.1	13.3	53.4	10	10
94	A. L. M.	do	19.2	13.8	71.9	85.4	15.70		7.3	13.8	52.9	11.3	11.5
83	do	Hexham	19.4	13.5	72.1	82.5	15.40	4 10.3	6 0	14.1	48.5	10.4	10.1
14325	N. M. M.	Myall	18	13.8	72.2	85	15.87		7.6	14.7	51.7	11.3	11.3
12863	do	Reedy Creek	18.8	13	72.2	89	14.93	11 1.6	6.8	13.7	49.6	10.6	10.2
12908	do	do	19.4	13.6	72.3	80.2	15.13		7.5	14.4	47.2	10.3	9.9
43	A. L. M.	do	18.7	13.6	72.7	82.1	15.77		7.5	14.7	51.8	10.5	10.4
87	do	do	18.7	13.6	72.7	83.8	15.27	11 1.6	7.5	13.9	51.8	11	10.4
6	do	do	18.7	13.6	72.7	82.7	15.23		7.2	13.9	52.2	10.6	10.3
80	do	do	18.7	13.6	72.7	82.7	15.23	10 9	7.2	13.9	52.2	10.6	10.3
28924	N. M. M.	Sweet Creek	18.7	13.6	72.9	79	15.10		7.2	13.7	53.7	10	10.6
12740A	do	Spotowin	18.8	13.7	72.9	85.9	14.90	11 2	7.5	13.5	54.7	10.8	10.3
12990	do	Barwon River, Geelong	18.1	13.2	72.9	85.9	14.90	11 2	7.1	13.5	52.6	10.6	10.1
92	A. L. M.	do	18.9	13.8	73	85.9	15.43		7.2	14.2	50.7	10.4	10.2
13008A	N. M. M.	Near Koondrook	19.4	14.2	73.2	85.7	16	4 11	6 0	14.1	78	10.5	9.9
70	A. L. M.	do	18.6	13.7	73.7	84	15.30	9 10.7	6.5	14.1	46.4	10.3	10.1
42	A. L. M.	do	18.6	13.7	73.7	84	15.30		6 7	13.6	46.1	10.2	9.9
18503	N. M. M.	Koondrook	18.4	13.6	73.9	83.8	15.13	10 11.3	7.5	14.1	52.9	10.2	9.9
25436	do	do	18.8	14	74.5		15.13		8 1	14.1	52.9	10.2	10.3
38	A. L. M.	Appolo Bay	18.2	13.6	74.7	81	14.90	10 10.6	6 5	14.2	51.7	10.6	10.3
9	do	do	18.4	14.2	74.7	79.9	14.83	10 11.2	7.2	13.4	46.4	10.4	10.2
15210A	N. M. M.	Echned	18.1	13.2	77.2	83.4	15.40		f (6.7)	14.8	46.5	10.5	10.5
	do	do	18.1	13.2	77.9	89	15.13	10 11.1	4 9 7.1	14	50.7	10.6	10.2
Totals			(71)	991.9	(71)	(71)	(72)	(35)	(48)	(69)	(61)	(68)	(72)
Averages			1,412.2	984.8	784.8	15.68	430.1	483.2	957.9	703	752.7	10.45	10.45
Minima			18	12.8	70.4	84.1	15.40	11.52	7.11	13.88	51.2	10.82	9.7
Maxima			20.8	14.3	77.9	89	16.10	13.4	8.3	14.8	57.2	11.8	11.5

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 25.

VICTORIA CRANIA—Continued
MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b}\right)$
12909	N. M. M.	Loddon and Little Murray Rivers.	Adult	10.2	63	57	4.1	3.58	3.85	83	5.05	2.7	55.5	7	7.6	108.6
18333	do.	Lake Boga.	do.	0.8	66.5	55.5	3.6	3.32	3.9	85.1	5.1	2.9	55.9	6.7	7.3	108.8
16214	do.	Near Ararat.	do.	10.1	68.5	55.5	3.9	19 3.15	19.4	78.7	4.9	3	61.2	6.8	6.7	111.7
84	A. L. M.	do.	do.	9.6	72	54.5	do.	3.58	3.8	94.2	5	3	60	6	6.7	109.5
13305	N. M. M.	do.	do.	10.1	71	do.	do.	19 3.2	19.4	80	do.	do.	58.3	9.3	6.9	106.1
12912	do.	Loddon and Little Murray Rivers.	do.	10	68	49.5	do.	3.38	3.9	86.6	4.8	2.8	58.3	6	7	do.
12994	do.	Near Swan Hill.	do.	9.6	69	51.5	3.7	2.95	3.6	81.9	4.45	2.6	58.4	6.3	6.6	104.8
22	A. L. M.	Wannon River.	do.	10.3	68	61	3.7	3.22	3.92	82.2	4.5	2.95	59.2	6.5	6.6	101.5
13604	N. M. M.	Mortlake	do.	9.6	70	56	3.7	3.35	3.68	91	5.2	3.05	61	6.1	6.7	109.8
12822	do.	Near Koondrook	do.	9.7	69	52	3.3	3.48	3.85	90.4	4.9	2.9	55.8	6.3	6.9	109.5
13010A	do.	Warinamboul.	do.	9.6	68	56	3.3	3.48	3.8	78.9	4.8	2.5	51	6.3	6.8	107.9
16212	do.	Strathmarton.	do.	9.7	66	55	3.9	3.38	4	84.5	4.7	2.8	58.8	6	7.4	123.5
14319A	do.	Near Koondrook.	do.	9.4	70	52	3.2	2.95	4.05	72.8	4.4	3.1	69	3.9	7.2	122
13097A	A. L. M.	do.	do.	9.9	69	53.5	do.	3.48	4	87	4.4	2.7	61.4	3.9	6.7	101.5
83	do.	do.	do.	9.4	66	52	do.	3.52	4	12 85.4	4.7	2.8	59.4	6.3	6.6	104.8
A 10799	A. M. S.	Port Fairy	do.	9.4	66	52	do.	2.98	3.58	83.2	4.8	3.05	59.2	6.3	7.1	114.8
1245	do.	do.	do.	9.9	67	56	3.5	3.12	4.15	75.2	4.9	3.05	62.2	6.5	7.6	116.9
13300	N. M. M.	do.	do.	9.6	67.5	47.5	do.	2.98	3.78	78.8	4.9	2.9	59.2	6.5	7.5	117.2
16229	do.	Torres Strait (?)	do.	9.6	65	52	do.	3.4	4.1	82.9	5	2.7	54	6.4	6.7	114.8
12861	do.	do.	do.	9.6	69.5	47	3.8	3.3	3.9	81.6	4.9	3.05	62.2	6.1	7	109.7
16215	do.	do.	do.	9.5	68	45.5	3.7	3.15	3.95	79.8	4.5	2.85	51.8	6.2	6.8	109.7
13006A	do.	Near Koondrook.	do.	9.9	66.5	49	3.7	3.48	4.02	80.6	4.55	2.75	55.2	6.6	7.1	107.6
82	A. L. M.	Lake Boga.	do.	8.4	69	51	3.35	3.15	3.75	84.8	4.93	2.65	58.2	3.9	6	101.7
16211A	N. M. M.	Swan Hill.	do.	10.2	69.5	57	3.4	3.18	3.75	84.8	4.93	2.9	58.6	6.1	7	114.8
12786	N. M. M.	do.	do.	9.4	63	49	3.9	3.5	4.02	87.1	5.1	2.6	51	6.7	7	104.5
49	A. L. M.	do.	do.	9.4	69.5	57.5	3.5	3.48	3.95	88.1	5.1	2.6	52	6.1	6.8	111.5
13034	N. M. M.	Near Wicheite	do.	9.4	69.5	56	3.5	3.48	3.95	88.1	5.1	2.55	50	6.8	6.8	111.5
48	A. L. M.	do.	do.	9.6	70.5	56.5	3.2	3.35	19 4.15	80.7	4.9	2.65	54.1	6.3	6.7	106.4
14323	N. M. M.	Mortlake.	do.	9.3	67	55	3.45	3.45	3.85	89.6	4.9	2.7	52.9	6	7	116.7
13298	do.	Wimmera district	do.	9.7	63	46	3.2	3.08	3.82	80.6	4.35	3	69	6.2	6.8	109.7
18500	do.	Koondrook.	do.	9.7	63	46	3.2	3.15	3.8	82.9	4.75	2.4	50.5	6	7	116.7
12738	do.	Murrabit.	do.	9.7	63	46	3.2	3.15	3.8	82.9	4.75	2.4	50.5	6	7	116.7

12964	do	Hamilton	10	49	43.6	3.38	4.3	76.6	5.25	2.7	51.8	6.4	107.8	
19330	do	Mortlake	10	63	44	3.52	4.1	86.8	4.8	2.75	57.8	6.8	101.5	
13126A	do	Jung Jung	10.1	68.5	52	3.35	3.95	84.8	4.9	2.9	59.2	6.5	113.6	
13000	do	Jones Creek	10.4	70	60	3.25	4.15	78.8	4.7	2.65	56.4	5.9	115.2	
29519	do	Natimuk	10.3	65	56.5	3.4	3.9	76.9	4.5	3	66.7	6.4	102.4	
18501	do	Koondrook	10.4	64.5	42.5	3.3	3.62	91.2	4.6	2.8	60.9	5.9	113.6	
45	A. L. M.	do	9.4	66.5	47.5	3.25	3.95	82.9	4.75	2.9	61.1	6.3	112.7	
14324	N. M. M.	Hexham	9.8	60.5	47.5	3.32	3.98	83.4	18.4	2.55	56.2	5.9	110.7	
12859	do	Kerang	9.3	71.5	60.5	3.9	4	97.5	5.15	2.55	49.5	6.2	110.7	
12907	do	Loddon and Little Murray Rivers.	9.8	63	48.5	3.7	3.85	86.2	5	3	60	7.1	108.2	
A	do	Rockwood	9.6	66.5	56.5	3.28	3.95	83.5	4.8	2.6	54.2	6.5	116.4	
32	A. L. M.	do	9.8	67	58	3.45	3.9	88.5	4.95	2.85	57.6	7.1	116.4	
30	do	do	9.7	66	51	3.6	3.9	86.7	4.85	2.7	58.7	6.4	107.1	
76	do	do	9.4	72	56	3.45	4	86.2	4.85	2.85	58.8	6.1	109.8	
19828	N. M. M.	Mortlake	9.4	65	49.5	3.8	3.9	85.1	4.8	2.75	57.9	6.4	107.8	
18509	do	Koondrook	9.9	68.5	55.5	3.2	3.7	92.5	5.2	3.25	62.5	6	113.3	
12976	do	Loddon and Murray Rivers.	9.9	66.5	50	3.32	4.02	82.6	4.95	2.85	55.9	6.3	110.6	
28921	A. L. M.	do	8.4	66.5	53	3.55	3.95	89.9	18.4	2.85	58.2	6.3	112.7	
12960	do	Lower Wimmera	8.8	60	51.5	3.2	3.6	89.5	18.5	2.75	55	5.8	112.1	
94	A. L. M.	do	10.2	73	56.5	3.3	3.95	83.6	5.1	2.9	51	6.4	108.5	
53	do	do	9.4	70	53.5	3.5	3.9	78.2	18.4	2.6	51	6.9	119	
14325	N. M. M.	Hexham	10.1	67.5	49.5	3.8	3.95	83.6	5.1	2.6	51	7.4	112.1	
12863	do	Myall	9.2	67	52	3.3	19.4	89	18.4	2.55	56	6.1	111.5	
12908	do	Reedy Creek	9.4	68	56.5	3.42	4.05	90.1	4.9	3	61.2	6.1	108.2	
43	A. L. M.	do	9.4	68	56.5	3.65	4.05	90.1	5.25	2.75	52.4	6.2	116.1	
87	do	do	9.8	67	54	3.7	3.88	82.5	m	3.05	61.6	6.3	107.9	
6	do	do	9.3	68	53	3.4	4.05	81	4.8	2.65	56.2	6.6	106.1	
80	do	Sweet Creek	9.2	74	62.5	3.4	19.3	82.4	4.95	2.25	45.5	6.6	104.6	
28924	N. M. M.	do	9.4	65.5	54	3.42	3.9	87.7	4.75	2.85	60	6.9	110.8	
12750A	do	Hopelown	9.4	66	54.5	3.4	3.8	82.1	4.7	2.5	53.2	5.8	110.8	
12986	do	Barwon River, Geelong	9.3	68	56.5	3.28	3.8	84.6	4.85	2.6	53.6	6.1	106.6	
82	A. L. M.	do	9.1	67	49.5	3.1	4	81.6	4.5	2.8	62.2	5.8	110.9	
13008A	N. M. M.	Near Koondrook	9.1	70	49	3.6	3.7	91.9	4.65	2.6	56.9	5.9	110.9	
70	A. L. M.	do	8.8	67	48	3.5	3.95	86.4	18.5	2.7	52.9	6.5	111.7	
42	do	Koondrook	9.6	65	51.5	3.55	4.1	87	5.2	3	57.7	6.1	114.8	
18503	N. M. M.	do	9.6	65	51.5	4	3.48	87	5.1	3	57.7	6.1	114.8	
25436	do	Appollo Bay	9.2	68.5	53.5	3.5	3.8	81.4	4.7	3.05	52.8	6.4	109.4	
38	A. L. M.	do	9.2	68	52.5	3.2	4	83.8	5.05	2.95	58.4	6.1	114.8	
9	do	do	9.6	68	52.5	3.2	4	80	4.75	2.85	60	7	114.8	
15210A	N. M. M.	Echued	9.4	67	51	3.5	19.4	81.7	5.1	2.85	55.9	6.1	114.8	
Totals	do	do	680.6	67.5	153.25	289.08	282.43	72	351.45	200.65	72	405.9	65	65
Averages	do	do	9.59	67.5	3.66	3.92	84.7	4.88	3.62	2.79	57.2	6.24	110.8	
Minima	do	do	8.4	63	42.5	3.05	3.58	72.8	4.3	2.25	45.5	5.6	101.5	
Maxima	do	do	10.3	74	63.5	4.1	4.3	97.5	5.25	3.25	69	7	123.8	

* Atypical.
 † Premature occlusion of sagittal suture but no scaphocephaly.
 ‡ Aberrant type, but full blood.
 § Asymmetrical.
 ¶ Large intranasal fossae.
 ** Well-marked intranasal shelves.
 †† Surely male.
 ‡‡ Whole skeleton.
 §§ Right upper median incisor missing; left broken.
 ¶¶ Moderate intranasal fossae.

NEW SOUTH WALES CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxium (glabella ad maxium)	Diam. lateral maxium.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxium (c)	Facial Index, total (d x 100)	Facial Index, upper (e x 100)	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
433	S. A. M. A.	Moorna	Adult	20.3	13.1	13.1	64.5	79.9	15.33	11.7	7.2	14.2	82.4	50.7	11.1	10.6
• 25	do	Lake Victoria	do	20	12.9	13.1	64.5	79.9	15.33	9.13	7.4	13.8	94.2	55.6	11.1	10.7
792	A. L. S.	Tamworth	do	20.4	13.2	13.7	64.7	80.4	15.70							
23316	N. M. M.	Lower Darling	do	19.6	12.7	13.4	64.8	82.7	15.23	11.5	6.4	13.6	84.6	64.4	11.7	10.9
• 17748	do	Euston	do	18.5	12.2	13.6	66	88.3	14.77	11.3	6.4	13.6	86.9	49.2	10.9	10.4
• 219	S. A. M. A.	Darling River	do	19.1	12.6	13.8	66.3	87.3	15.13	10.6	6.3	13.6	78.8	48.6		
S1158	A. M. S.	Yabtree, Gundagai	do	19	12.6	13.8	66.3	87.3	15.13	10.6	6.3	13.6	78.8	48.6		
11348	do	do	do	19.6	13	13.8	66.3	87.3	15.13							
31	A. L. M.	do	do	19.6	13	13.8	66.3	87.3	15.13							
1469	A. M. S.	Port Stepan	do	19	12.7	13.3	66.8	84.2	15.63	12	7.7	13.9	86.3	56.4	9.6	10.3
34	A. L. A.	do	do	19	12.7	13.3	66.8	84.2	15.63	12	7.7	13.9	86.3	56.4	9.6	10.3
28922	N. M. M.	Moorna	do	19.8	13.3	12.8	67.2	77.1	15.30	12.5	7.2	13.7	91.2	55.6	11.5	10.5
E16372	A. M. S.	Darling River	do	19.3	13	13.3	67.4	80.2	15.10						11	10.8
1308	A. L. S.	Sidney	do	20.1	13.6	14.4	67.5	80.9	15.20	12.7	7	12.9	98.4	61.8	11.3	10.7
S267	A. M. S.	Grafton	do	19.6	13.3	14.1	67.9	86.7	16.03	11.3	7	13.5	83.7	61.8	11.3	11.1
490	S. A. M. A.	Lake Victoria	do	18.8	12.8	13.3	68.1	84.2	14.97	12.5	7.6	13.7	91.2	65.6	11.3	10.5
S1643	A. M. S.	Cronella	do	18.8	12.8	13.3	68.1	84.2	14.97	12.5	7.6	13.7	91.2	65.6	11.3	10.5
• 1210	do	do	do	20.2	13.8	(7)	68.3		14.97	(9)	7.1	13.4	88.6	48.6	9.9	10.4
• 11753	do	do	do	18.4	12.6	14.1	68.3	82.9	16.03	7.3	7.1	13.3	86.3	56.4	11.1	10.9
113	S. A. M. A.	Bogan	do	18.6	12.8	13.4	68.5	80	14.47	7.2	7.2	12.4	94.4	58.1	9.8	9.6
• 93	A. L. A.	Cobar	do	19	13.1	13.2	68.8	85.4	14.93	11.7	7.2	13.5	94.4	58.1	9.8	9.6
E13308	A. M. S.	Rufus Creek	do	18.8	13.1	13.2	69.2	82.5	15.10			13.2	78.6	51.5	11	10.3
23	A. L. A.	Darling River	do	18.9	13.1	13.3	69.2	81.8	14.93	10.11	6.8	13.2	78.6	51.5	11	10.3
• 88	S. A. M. A.	Rufus Creek	do	18.9	13.1	13.3	69.2	81.8	14.93	10.11	6.8	13.2	78.6	51.5	11	10.3
13424	N. M. M.	Tolarno	do	19.7	13.6	13.4	69.4	83.8	15.17	11.3	6.7	14	80.7	47.9	11.2	10.4
S637	A. M. S.	Deniliquin	do	19.1	13.3	13.1	69.5	80.7	15.53			14	80.7	47.9	11.2	10.4
21	A. L. M.	Richmond River	do	19.5	13.7	14.1	69.5	81.4	15.83	10.7	7.3	14	84.9	52.1	10.4	9.7
A46	A. M. S.	do	do	19.5	13.8	13.1	69.7	80.9	15.17	10.7	6.5	12.6	84.9	51.6	10.4	10.4
• 24	S. A. M. A.	Cowra	do	18.6	13.6	13.9	69.7	79.8	15.67	10.5	6.9	13.4	78.4	54.5	10.4	10.2
2356	A. L. S.	Lake Victoria	do	18.6	13	13.4	69.9	84.8	15	11.8	6.8	13.5	86.9	50.4	11.3	10.2
16996	N. M. M.	Near Sidney	do	19	13.3	13.2	69.9	85.5	14.93	11.6	6.8	13.5	88.7	54.1	10.8	10.2
• 86	A. L. A.	Deniliquin	do	18.4	13.3	13.7	70	80.2	15.10	7.3	6.5	13.3	81.2	48.9	11.1	10.4
12	A. L. M.	Moorna	do	18.2	13.9	14.2	70.2	84.5	14.73	10.8	6.5	13.3	81.2	48.9	11.1	10.4
10	do	do	do	18.2	12.8	13.5	70.3	87.1	14.83	7	7	13.2	81.2	48.9	10.7	10.5

117	S. A. M. A.	Moorna	do.	18.7	13.2	13.8	70.6	86.9	15.23	11.11.9	7	13.9	86.6	60.4	10.7	10.7
118	do.	do.	do.	18.7	13.2	12.3	70.6	76.9	14.73	9.11	6.8	12	91.7	56.7	10.7	9.5
794	A. L. S.	Near Sidney	do.	18.4	13	13	70.6	82.8	14.80		6.7	13.4	50	50	10.4	9.5
e A11969	A. M. S.	Wellington Caves	do.	18	12.8	12.8	71.1	83.1	14.53		6.8	13.1	81	51.9	9.7	9.6
e 477	A. L. S.	Kyogle	do.	18.4	13.4	13.8	71.6	80.7	13.57	4.11.8	6.8	11.2	82.1	46.5	10.5	10.4
706a	do.	Nowoa	do.	18.7	13.4	13.8	71.7	86.2	15.30	2.11.1	7.5	11.4	77.1	46.5	10.6	10.5
26	A. L. M.	do.	do.	18.6	13.4	14.2	71.9	86.1	15.73		6.7	13.8	49.6	49.6	10.6	10.3
23	do.	do.	do.	18.6	13.4	13.6	72	85	15.20		6.2	13	47.7	47.7	9.8	10.1
1238	A. M. S.	Manning	do.	17.9	12.9	13.8	72.1	84.2	15.50	4.10.9	7.1	13.3	79	50.7	10.2	10.2
132	S. A. M. A.	Kincheqa	do.	19	13.2	12.9	72.1	81.6	14.80		7	13.8	79	50.7	10.7	10.5
12862	N. M. M.	Riverina	do.	18.3	13.2	13.8	72.1	84.2	15.50		7.2	13.6	88.2	52.9	10.7	10.5
S1611	A. M. S.	Newcastle	do.	19	13.7	13.8	72.1	84.2	15.50	3.12	6.8	13.6	88.2	52.9	10.7	10.7
S1600	do.	do.	do.	19	13.6	13.8	72.8	84.2	15.50	7.11.5	6.5	13.3	87.1	51.5		10.7
2355	A. L. S.	Near Sidney	do.	18.8	13.6	13.4	72.6	83.8	15.17		6.7	13.3	87.1	48.9	9.6	10.1
S744	A. M. S.	Merimbula	do.	18.6	13.5	13.6	73	82.9	13.43		6.7	13.2	81.8	50.8	10.1	10.1
798	A. L. S.	Bondi	do.	18.9	13.8	13.6	73.1	82.9	13.07	4.10.8	7.5	13.5	84.4	50.8	10.1	10.3
37	S. A. M. A.	Silverton	do.	18.6	13.4	13.2	73.6	83.5	14.93	4.11.4	3.7	13.8	84.8	60.7	10.6	10.5
28919	N. M. M.	do.	do.	18.2	13.4	14.7	73.7	90.7	15.67	4.11.7	6.6	13.5	84.8	60.7	10.6	10.5
S1610	A. M. S.	Newcastle	do.	18.6	13.7	13.6	73.7	82.4	15.53		7.5	13.5	48.9	48.9	10.4	10.3
795	A. L. S.	do.	do.	19	14	14	74.1	85.4	15.63		6.6	13.5	48.9	48.9	10.3	10.6
1180	A. M. S.	Shoalhaven	do.	18.9	14	14	74.1	85.4	15.63		7.5	13.5	48.9	48.9	10.3	10.2
620	A. L. S.	Port Jackson	do.	18.6	13.9	13.4	74.7	82.7	15.30	(1)	7.3	13.8	75	84.2	10.6	10.1
616	do.	Near Sidney	do.	18.8	14.1	13.8	75	84.2	15.57		7.3	13.4	76.7	84.2	10.1	9.9
• 699	do.	Port Jackson	do.	17.6	13.5	13.4	76.7	85.9	14.83		7.3	13.4	76.7	85.9	10.1	9.9
Totals				(89)	(89)	(93)	(89)	(89)	(89)	(89)	(93)	(89)	(90)	(90)	(90)	(90)
Averages				1,121.1	783.2	713.3	69.9	83.4	16.25	332.6	3.88	565	55.2	51.4	463.5	545.6
Minima				19	13.27	13.46	64.6	76.9	13.47	1.47	6.97	12.45	35.2	46.6	10.58	10.29
Maxima				20.4	14.1	14.7	76.7	90.7	16.03	13	7.6	14.4	98.4	58.1	11.7	11.1

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 20.

NEW SOUTH WALES CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
433	S. A. M. A.	Moorna	Adult	9.6	61.5	49	3.05	3.22	4.25	76.8	4.65	3.15	67.7	6.6	7.5	113.6
* 25	do	Lake Victoria	do	9.6	61.5	49	4.4	3.52	3.95	89.1	5.2	3.05	61	6.6	7.5	113.6
792	A. L. S.	Tamworth	do	10.2	65	50	3.3	3.4	4.12	82.5	4.9	2.95	60.2	6.8	7.2	105.9
23316	N. M. M.	Lower Darling	do	9.9	63.5	53	3.5	2.9	4	72.5	4.6	2.75	59.8	6.5	6.8	104.6
* 17748	do	Euston	do	9.9	63.5	53	3.05	3.32	3.9	85.1	4.45	2.75	61.7	6.4	6.8	106.2
* 219	S. A. M. A.	Darling River	do													
S1158	A. M. S.	Yabtree, Gundagai	do													
11348	do	do	do													
31	A. L. M.	do	do	8.5	75	56.5	4	3.3	3.85	83	4.8	3.05	63.6	6	7.5	121.7
1469	A. M. S.	Port Stephen	do	9.5	66	55.5		3.25	3.9	82.5	4.55	2.7	60.4	6.5	7.2	110.8
34	A. L. A.	Moorna	do	9.5	63	45	4.05	3.55	4.15	82.5	5.15	2.65	61.4	7	7.1	101.4
28922	N. M. M.	do	do	9.5	69	48		3.1	3.7	83.3	4.95	2.7	64.6	6.3	7.1	112.7
E16372	A. M. S.	Darling River	do	9.4	3.95	87.3	3.3	3.45	3.95	87.3	5.1	2.65	61	6.7	7.1	106
1308	A. L. S.	Sidney	do	9.8	70	43.5	3.6	3.12	3.85	81	5.2	2.85	55.9	6.4	7.1	110.9
S267	A. M. S.	Grafton	do	9.8	64	46	3.65	3.78	4.1	92.2	5.35	2.8	57.1	6.7	7.1	110.9
430	S. A. M. A.	Lake Victoria	do	8.8	75.5	48	3	3.25	3.9	90.3	4.9	2.4	52.8	6.4	7.1	110.9
S1643	A. M. S.	Cronella	do					3.6	3.6	90.3	4.55	2.4	52.8	6.6	7.3	110.6
* 1210	do	do	do	9.8	70	49.5		3.6	3.8	92.1	4.4	2.9	65.9	6	6.6	110
* S1650	do	Bogan	do	9.2	65	50.5		3.12	3.8	92.1	4.4	2.9	65.9	6	6.6	110
A1173	do	Cobar	do	8.4	67	48	3.55	3.6	3.75	90.7	5.05	2.6	51.6	5.9	6.6	111.9
113	S. A. M. A.	Rufus Creek	do	9.4	66	45		3.45	3.35	87.5	5	2.6	61.6	6.4	7	108.4
E13308	A. M. S.	Darling River	do	9.6	62.5	47		3.15	3.8	82.9	4.6	2.6	66.5	6.4	6.9	107.8
23	A. L. A.	Rufus Creek	do	9	67.5	48.5	3.5	3.2	3.85	83.1	5	2.65	63	7	7	116.7
* 38	S. A. M. A.	Tolaruo	do	9.9	65.5	51		3.15	3.95	79.7	4.45	2.6	53.4	6.4	6.6	108.1
13424	N. M. M.	Dennilquin	do													
18	A. L. M.	do	do	8.7	63.5	41.5		3.58	3.85	93	5.05	3.15	62.4	6.7	7.4	110.4
S637	A. M. S.	Richmond River	do	9.3	72	48	2.95	3.5	3.82	91.6	4.9	3.2	65.3	5.9	6.6	111.9
21	A. L. M.	do	do	10.1			3.4	2.95	3.6	81.9	4.75	2.85	60			
A46	A. M. S.	CONYA	do	9.2	68	56	3.7	3.1	4.02	77.1	4.75	2.8	59	6.2	7.5	121
24	S. A. M. A.	Lake Victoria	do	9.8	63	47	3.8	3.18	3.85	82.6	4.5	2.6	57.8	6.6	6.7	101.5
2356	A. L. S.	Near Sidney	do	9.6	63.5	54	3.6	3.28	3.68	80.1	4.9	2.9	56.9	6.6	6.6	100
16996	N. M. M.	Dennilquin	do	9.3	67	49		19	3.2	80	5.1	2.9	56.9	6.6	6.6	100
* 36	A. L. A.	Moorna	do	9.8	67	48.5	3.6	3.25	3.88	83.8	4.5	3.1	63.9	6.6	6.6	100

QUEENSLAND CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Racial Index, total $\left(\frac{a \times 100}{c}\right)$	Racial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
15224	A. M. S.	Mapoon	Adult	18.4	11.8	13.2	64.7	78.7	14.47	± 12	7.4	13.1	91.6	56.6	10.8	10.4
15242	do.	Bathurst Head	do.	19.2	12.5	14.1	65.1	82.2	15.27	± 11.2	6.8	13.6	82.4	50	10.9	10.6
15212	do.	McIvor River	do.	18.7	12.3	13.2	66.8	90.3	15	11.2	9	12.8	82.4	50	10.9	10.6
10390	do.	do.	do.	19.9	13.2	14.1	66.5	84.9	15.73		7.4	13.6	89	64.4	11.1	10.3
15178	do.	Rockhampton	do.	19.9	12.6	13.8	66.9	87.8	15.13	± 12.1	7.4	13.7	89	64.4	11.1	10.3
15222	do.	do.	do.	18.9	12.6	13.2	66.7	82.9	14.83	10.10.6	6.4	13.2	77.4	62.6	9.5	10.2
15214	do.	Rockhampton	do.	13	12	13.2	66.7	82.4	14.40	1.11	7.2	13.4	83.5	68.5	10.1	9.8
15192	do.	Mirrism Vale	do.	19.8	13.2	13.6	66.7	82.4	15.53		7.2	13.4	83.5	68.5	10.1	10.4
15173	do.	North Keppel Island	do.	19.6	13.1	13.2	66.8	80.6	15.30		7.1	13.7	82.6	67.8	10.8	10.3
15174	do.	do.	do.	19	12.8	13.6	67.4	86.5	15.13	4.10.6	6.6	13.4	79.1	49.2	10.7	10.2
15237	do.	Carandotia	do.	18.9	13.4	13.4	67.7	84.8	15.63	4.10.6	6.6	13.4	81.9	47.9	10.7	10.6
15159	do.	Brisbane	do.	19.4	13.2	14.4	68.3	88.3	15.67	9.11.8	6.9	14.4	81.9	47.9	10.7	10.6
15190	do.	do.	do.	18.8	12.8	13.2	68.1	83.5	14.93		6.6	13.3	75.2	44.8	10.1	9.8
10510	do.	South Keppel Island	do.	19.1	13	13.8	68.1	86.2	15.27	7.10.9	6.5	14.5	75.2	44.8	10.1	9.8
15223	do.	Tinaroo Cairns	do.	19.1	13	13.8	68.4	86.2	15.30	7.12.3	7.5	13.2	82.4	66.8	10.1	10.3
15170	do.	North Keppel Island	do.	18.8	12.9	13.6	68.6	82.2	14.90	10.10.8	6.9	13.1	82.4	66.7	10.9	10.3
15176	do.	Cloncurry	do.	18.8	12.9	13.6	68.6	86.1	15.10	4.11.5	(19)	13	88.6	67.7	10.9	10.3
13	A. L. M.	do.	do.	18.6	12.8	13.3	68.8	84.7	14.00		7	13	80.8	53.6	11	10.5
15168	do.	North Keppel Island	do.	18.9	12.9	13.2	69	85.5	14.93	10.10.5	7.1	13.2	80.8	53.6	11	10.6
15189	A. M. S.	South Keppel Island	do.	18.7	12.9	13	69	82.5	14.87		6.5	13.2	80.8	63.8	10.8	10.0
15161	do.	do.	do.	18.2	12.6	13	69.2	84.4	14.60	9.11.1	6.5	12.7	87.4	51.2	9.9	9.8
8	A. L. M.	do.	do.	19.5	13.5	14	69.2	84.8	15.67		7.0	14.1	80.4	53.9	10.7	10.6
15163	A. M. S.	Craiglinduth	do.	19.6	13.6	14	69.4	84.2	15.73	1.12.6	6.6	13.2	80.4	55	9.6	10.4
1145	do.	Brisbane	do.	18.6	13	13.5	69.9	85.4	15.03	9.11.3	6.6	12.5	90.4	52.8	10.4	10.2
15181	do.	do.	do.	18.2	12.8	13.4	70.5	86.4	14.80		7	13.4	85.1	52.2	10.5	10.1
1239	do.	Brisbane	do.	18.6	13.1	13.6	70.4	86.1	15.10	± 11.4	7	13.4	85.1	52.2	11.1	10.8
15171	do.	North Keppel Island	do.	19	13.4	13.2	70.6	81.5	15.20		7.2	14	81.4	50.8	10.2	10
15201	do.	Yeppoon	do.	18.6	13.2	13.4	71.1	84.9	14.80	± 10.6	6.6	13	81.5	50.8	10.8	9.8
15283	do.	West Queensland	do.	18.6	12.8	13.6	71.1	88.9	14.87	± 10.6	6.1	13.1	81.5	50.8	10.8	9.8
15218	do.	Cairns	do.	18.8	13.4	13.7	71.5	82.1	15.30	10.2	6.5	13.2	77.9	46.6	10.4	10.2
15165	do.	Yaamba	do.	18.2	13	13.8	71.4	88.6	15	9.11.3	6.5	13.2	86.6	48.2	10	10.1
15186	do.	Marlborough	do.	18.6	13.3	14	71.4	87.6	15.30		6.5	13.2	86.6	48.2	10	10.9
15221	do.	Cardwell	do.	19	13.6	14.2	71.6	87.1	15.60			14.1	86.6	48.2	10	10.3

15184	do	18.5	13.3	13.9	71.9	87.4	15.23	7 12.8	7.6	13.2	97	57.6	10.4	10.1
1224	do	18.9	13.6	15	79	92.6	15.83	11.8	6.4	14.5	88.7	44.1	10.5	10.6
F15156	do	18.2	13.1	12.9	79	82.7	14.73	9 11	7.3	13.4	78.6	54.5	9.7	10.6
# 1252	do	19	13.8	13.2	72.6	80.5	15.33		6.4	14		45.7	10.5	10.4
16	A. L. M.	18.7	13.6	13.9	72.7	86.8	15.40		(6)				10.2	10.2
A 15177	A. M. S.	18.7	13.6	13	72.7	80.2	15.10	10.7	6.4	13.8	77.5	46.4	10.9	10.2
a 15239	do	17.4	12.8	13.2	73.6	87.4	14.47	10.9	6.3	13.4	81.5	47	9.8	9.7
o 15234	do	17.3	12.8	12.7	74	84.7	14.27	12.1	7.2	12.5	96.8	57.6	9.2	10
11	do	18.4	13.7	14.2	74.5	88.8	15.43		6.1				10.2	10.5
i 15183	A. M. S.	18.6	13.9	14.4	74.7	88.9	15.63	12.9	7.6	13.6	94.8	55.9	10.7	11
1231	do	19	14.2	14.4	74.7	86.8	15.87						10.5	9.6
12562	do	17.9	13.4	13.9	74.9	89.1	15.07	11	(13)				10.2	10.2
15199	do	18.3	13.8	14.2	75.4	88.8	15.43		6.7	13.5		49.6	10.2	10.2
f 15185	do	(18.2)	(13.8)	(13.6)	(75.8)	(89.2)	(15.20)		6.7	13.5		49.6	10.6	10.3
12	A. L. M.	17.8	13.6	13.2	76.4	80.2	15.13		6.9	14		42.5	9.7	10.3
10506	A. M. S.	17.8	13.6	13.2	76.4	84.1	14.87	10.9	6.1	13.1	83.2	46.6	9.8	10.3
231	A. L. S.	18	13.8	13.4	76.7	84.3	15.07	9 10	6.2	13.3	75.2	46.6	10.3	10.1
20 15164	A. M. S.	(17.7)	(13.7)	(14.5)	(77.4)	(92.4)	(15.30)	11.9	7.3	14.5	82.1	60.3	11	10.6
f 20 15157	do	(17.4)	(14.1)	(14.6)	(81)	(92.4)	(15.37)	9 11.2	6.6	12.7		52	10.1	10.1
Totals		{ 914.7	(49)	(49)	(49)	(49)	(49)	(32)	(42)	(44)	(41)	(40)	(43)	(42)
Averages		18.67	13.2	667.4	70.5	85.7	15.14	362.2	287.5	592.3	84.8	50.9	437.4	10.41
Minima		17.3	11.8	12.7	61.1	80.2	14.27	10	6.1	12.5	75.2	44.1	9.2	9.2
Maxima		19.9	14.2	15	76.7	92.6	15.87	12.9	7.6	14.5	97	57.6	11.1	11.1

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 33.

QUEENSLAND CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal index $\left(\frac{b \times 100}{l}\right)$
• 15224	A. M. S.	Mapoon	Adult	9.4	66.5	52	3.45	3.6	4.1	87.8	4.3	2.95	56.7	9.4	9.9	107.8
15242	do.	Bathurst Head	do.	9.8	69	54.5	3.3	19 3.1	19 3.85	80.5	4.8	2.85	59.4			
15212	do.	McIvor River	do.	9.7	66.5	54.5	3.45	19 3.9	19 3.9	88.5	5.1	2.6	51			
do.	do.	do.	do.	9.2	66.5	52	3.8	3.8	3.75	88.5	4.9	2.75	56.1			
15178	do.	Rockhampton	do.	9.8	65	57	3.8	3.7	4.1	83.7	5.1	2.8	54.9	6.3	6.5	103.2
15222	do.	do.	do.	8.6	74	57	3.3	3.95	3.95	93.7	5.4	2.85	51.8	3.6	6.6	117.9
• 15214	do.	Rockhampton	do.	8.8	69	48	3.3	3.52	3.8	92.6	4.4	2.95	67	3.3	6.2	106.1
15182	do.	Murrumbidgee	do.	9	71.5	52.5	3.3	3.5	4.02	87.1	5.3	2.7	56.9	5.9	6.8	115.2
15173	do.	North Keppel Island	do.	9.6	67	52	3.35	3.7	3.7	90.6	4.85	2.75	56.7	6.2	7.1	114.5
15174	do.	do.	do.	9.5	66	51	3.35	3.2	3.2	82	18 4.85	2.6	52.6	6.1	7.1	116.4
15237	do.	Carandotta	do.	8.9	64	33	3.15	3.25	4.05	80.2	4.8	3	62.5	6.3	6.6	104.8
15257	do.	Brisbane	do.	9.4	70	49	3.3	3.4	3.85	83.3	4.9	2.85	58.2	6.1	7.3	109.7
15159	do.	South Keppel Island	do.	9.2	65.5	44	3.3	3.4	3.65	82.2	4.85	3	61.9	6.2	6.8	109.7
do.	do.	do.	do.	9	68	52	3.1	3.48	3.7	94.6	4.55	2.75	60.1	5.7	7.1	124.6
15223	do.	Timaroo Cairns	do.	8.8	70	55.5	3.65	3.25	4.08	79.6	4.8	2.6	51.2	6	6	100
15170	do.	North Keppel Island	do.	9.7	69.5	50	3.3	3.48	3.65	95.8	5	2.55	51.2	5.8	6.6	113.8
• 15216	do.	Cloncurry	do.	8.0	66.5	50	3.3	3.48	3.9	94.9	4.55	2.85	61.5			
15183	A. L. M.	do.	do.	9.5	68	50.5	3.2	3.25	3.8	85.6	3.8	2.85	76			
15108	A. M. S.	North Keppel Island	do.	9.7	68	50.5	3.2	3.38	3.68	91.8	19 4.9	2.35	48	5.6	6.5	116.1
15189	do.	South Keppel Island	do.	9.6	64	53.5	3.2	3.25	3.7	87.8	4.8	2.6	54.2	6.2	6.7	108.1
• 15161	do.	do.	do.	70	70		3.2	3.58	3.75	95.5	(m)	2.6	54.2	5.6	6.5	116.1
8	A. L. M.	do.	do.	19 3.4	19 3.4		3.2	19 3.4	19 3.9	87.2						
15163	A. M. S.	Craiginduth	do.	9.4	68.5	55	4.1	3.3	3.75	88	5	2.9	58	6.3	6.5	103.2
1145	do.	Brisbane	do.	8.2	65	48	3.3	3.42	4	85.5	19 4.75	2.45	51.6	5.7	6.6	115.8
15181	do.	do.	do.	9.4	70	52	3.2	20 3.4	20 3.8	89.5	4.95	2.7	54.6	5.8	6.8	117.9
1239	do.	Brisbane	do.	9.4	67	48	3.2	19 3.5	19 4.05	82.7	4.65	2.7	53.1	6.2	7.4	119.7
15171	do.	North Keppel Island	do.	9.8	69	44	3.3	3.52	3.7	95.1	18 5.3	2.75	51.9	3	7	120.7
15201	do.	Yeppoon	do.	8.7	68	46.5	3.35	3.55	4	83.8	5	2.85	57	3.8	6.5	112.3
• 10233	do.	West Queensland	do.	9.4	63	46.5	3.5	3	3.65	82.2	18 4.5	2.3	61.1	6.5	7.3	112.3
f 15218	do.	Cairns	do.	9.4	71	49	2.7	3.45	3.78	91.5	* 4.6	2.6	56.5	6	6.3	105
15165	do.	Yaamba	do.	9.1	72	56	3.2	3.12	3.9	80	4.75	2.85	60.6	5.8	6.4	110.3
15186	do.	Marlborough	do.	9.1	72	56	3.2	3.12	3.9	80	4.75	2.85	60.6	5.8	6.4	110.3

15221	do	Cardwell	9.1	3.3	3.85	85.7	4.95	3.05	61.6	6.1	6.6	108.2
15184	do	Marlborough	9.5	3.58	3.8	94.2	5.35	2.65	49.5	6	7.3	121.7
1224	do	Rockhampton	9.2	3.25	4	87.5	4.6	2.8	60.9	6.3	7.2	114.3
E15156	do	Roxburgh Downs	9.2	3.4	3.8	82.5	4.8	2.45	51	6.2	6.9	100.5
# 1232	do	Rockhampton	9.9	3.2	3.95	81	5.1	3.2	62.8	6.2	7.2	116.1
16	A. L. M.	North Keppel Island	9.8	3.3	3.95	83.6	4.75	2.55	55.7	5.8	6.7	115.5
# 15177	A. M. S.	do	66.5	48.5	3.7	79.7	4.7	2.7	57.4	5.8	6.1	105.2
# 15239	do	Carrandotta	8.7	3.2	19.4	80.5	4.75	2.6	54.7	5.8	6.5	114
# 15234	do	Riversleigh	8.2	3.7	19.4	92.5	5.25	2.7	51.4	5.8	6.5	117.2
11	A. L. M.	do	9	3.22	3.98	80.9	4.55	2.7	59.4	5.8	6.8	117.2
# 15183	A. M. S.	do	9	3.52	3.95	89.1	5.75	3.1	53.9	6.1	7.1	116.4
1231	do	Cape York	8.8	3.48	3.8	91.6	5.4	3.35	62	5.5	6.5	119
12562	do	Dawson River	8.6	3.95	3.8	77.6	4.55	2.5	55	5.8	6.9	119
15189	do	Mount Morgan	8.8	3.25	4	81.9	13.4	2.75	58.5	6.3	7.1	112.7
# 15185	do	Marlborough	9.2	3.58	3.05	73.9	4.85	2.9	59.3	6.3	6.7	121.8
12	A. L. M.	do	46.5	2.92	4.2	86.2	3.15	2.65	51.3	5.5	6.3	110.5
10506	A. M. S.	Coast of Queensland	8.9	3.45	3.7	93.2	4.3	2.7	62.8	3.7	6.3	110.8
231	A. L. S.	Just adult	9	3.3	3.8	86.8	19.4	2.65	58.9	5.8	6.95	110.8
# 15164	A. M. S.	Glenroy	9	3.35	3.92	85.4	5.1	2.9	56.9	6.6	7.2	109.1
# 15157	do	do	9.1	3.32	3.8	87.4	4.65	2.45	52.7	6	6.8	113.3
			(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)
			450.8	110.75	170.69	197.36	238.2	134.55	277.95	245.8	277.95	119
Averages			9.2	3.96	3.87	86.6	4.86	2.75	56.6	6	6.78	100
Minima			8.2	2.7	2.92	73.9	3.8	2.3	48	5.5	6	100
Maxima			9.9	4.1	3.7	96.5	5.75	3.35	75	6.6	7.4	124.6

^a Surely male.

^b Pronounced medio-frontal ridge; whole skull low in type; surely male.

^c Nose looks full-blood, but type differs from the usual; glabella and ridges as in other races, not as typical among Australians.

^d Yerrandall tribe. Surely male.

^e Neanderthaloid front; great palate, appears about largest ever seen in man (in breadth). Lower jaw in position a trace of slope backwards—only trace of chin prominence. Lower right molars=3.6 (or 3.7); first missing (estimated); fourth molars, upper, both sides, good size, impacted. True palate is very spacious.

^f Lower jaw low, but fairly strong; positively male.

^g Alveolus for right upper median incisors is double (slightly hour-glass shaped); a supernumerary (smaller than any molar) externally between first and second left upper molars and a similar one behind right upper third molar.

^h Somewhat female-like, but zygomae and molars are large; mastoids decidedly male-like; palate and base male.

ⁱ Died in Normanton Hospital.

^j Kunggarri tribe.

^k Medium intranasal shelves.

^l Weakest lower jaw ever seen in male (no doubt about sex); alveolar process of lower jaw largely absorbed but fairly preserved in front; appears perfect fit with skull.

^m Exostosis of left subnasal border.

ⁿ Subnasal fossae.

^o Asymmetrical.

^p Inter-dacryon breadth=3.1.

NOTE.—For footnotes to reference figures see p. 3.

WEST AUSTRALIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
54	S. A. M. A.	Eucla	Adult	18.5	12.2	13.1	66.8	84.4	14.57	411.6	6.6	13.6	87.2	48.5	10.4	10.7
57	do.	do.	do.	18.7	12.4	13.1	66.8	84.6	14.73	411.6	7.3	13.3	87.2	54.9	10.9	10.4
4	do.	Cygnat Bay	do.	18.5	12.8	13.2	69.2	84.6	14.83	410.4	7.3	13.3	78.2	54.9	10.9	10.4
166	do.	Eucla	do.	19.4	13.5	13.2	69.6	80.5	15.37	411.6	7.2	13.8	84.1	62.2	10.7	10.2
	do.	North Kimberley	do.	18.7	13.5	12	72.2	74.5	14.73	411.6	(5)	13.6	84.1	62.2	10.7	10
2	Dr. Bassford's	do.	do.	19.4	14.2	13.8	73.1	82.1	14.73	411.6	7.7	13.1	91.6	68.8	10.1	11
2	A. L. M.	do.	do.	18.2	13.3	13.6	73.2	86.1	15.03	9 12	7.7	12.8	91.4	68.8	10.1	10
1	do.	do.	do.	17.7	13.1	12.6	74	81.8	14.47	11.7	5 13 6, 8	14.4	91.4	68.8	10.6	9.2
1	S. A. M. A.	Cygnat Bay	do.	18.8	14	13.6	74.5	82.9	15.47	11.7	6.9	14.4	91.4	68.8	10.6	10.8
4	A. L. M.	do.	do.	18.1	13.5	13.8	74.6	87.9	15.47	11.7	7.3	14.2	91.4	68.8	11	10.7
a 3	do.	do.	do.	18.1	13.5	13.8	74.6	87.9	15.13	11.7	7.3	14.2	91.4	68.8	11	10.7
Totals				(10) 186	(10) 132.5	(10) 131.9	(10) 71.2	(10) 82.8	(10) 15.01	(5) 57.3	(7) 49.8	(9) 122.1	(6) 86.4	(7) 62.3	(7) 73.7	(10) 102.1
Averages				18.6	13.25	13.2	71.2	82.8	15.01	57.3	7.11	122.1	86.4	62.3	73.7	102.1

Catalogue No.	Collection	Locality	Approximate age of subject	Basion Subnasal Pt	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth, maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
54	S. A. M. A.	Eucla	Adult	9.1	65	50	---	3.25	4.15	78.5	4.4	2.6	59.1	5.9	6.5	110.2
57	do.	do.	do.	9.7	64	56	---	3.15	3.95	79.7	4.7	2.6	55.5	6	6.2	108.5
4	do.	Cygnat Bay	do.	9	66	48	---	3.3	3.95	83.6	4.6	2.5	54.4	(b)	---	---
166	do.	Eucla	do.	9	66	48	3.5	3.5	4.05	86.4	1.8	2.75	55	6.1	6.7	109.8
2	Dr. Basedow's	North Kimberley	do.	8.8	---	---	---	3.45	4.1	84.2	5	2.2	54	---	---	---
2	A. L. M.	do.	do.	10	---	---	---	3.62	3.95	91.6	5.4	2.85	52.8	---	---	---
1	do.	do.	do.	8.8	67	53	3.6	3.45	3.95	86.7	3.15	2.6	50.5	6	6.8	113.3
1	S. A. M. A.	Cygnat Bay	do.	8.3	63	37.5	---	3.88	3.75	103.5	4.85	2.55	52.6	5.9	6.3	106.8
4	A. L. M.	do.	do.	9.6	73	54.5	---	3.32	3.95	84	5.05	2.7	53.5	5.7	6.4	112.3
3	do.	do.	do.	10	68	54	---	3.58	4.05	88.4	5.45	3	55	5.6	6.7	119.6
Totals	---	---	---	(19) 92.3	(7) 65	(7) 50	(2) 7.1	(10) 34.5	(19) 39.88	(19) 86.5	(10) 49.6	(10) 26.85	(10) 54	(7) 41.2	(7) 45.6	(7) 110.5
Averages	---	---	---	9.23	66.5	50	8.55	3.45	3.99	86.5	4.96	2.68	54	5.89	6.51	110.5

^a Atypical.

^b Upper incisors broken out.

NOTE.—For footnotes to reference figures see p. 3.

^c Moderate intranasal shelves.

NORTHWEST AUSTRALIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Racial Index, total $\left(\frac{a \times 100}{c}\right)$	Racial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
424	S. A. M. A.	.....	Adult.....	18.1	11.8	12.8	65.2	85.3	14.23	.....	6.7	13.3	.....	50.4	10.4	10.4
222	do.	.....	do.	19.6	12.8	13.4	65.3	82.7	15.27	.....	7.2	12.7	.....	56.7	10.8	10.3
423	do.	.....	do.	19.1	12.6	13	66	82.3	14.90	.....	6.6	13.4	.....	49.2	10.6	10.3
18	A. L. A.	Derby	do.	19	13.2	13.9	69.5	86.3	15.37	13.2	a 8.3	13.3	.....	62.4	10.5	10.4
1	do.	do.	do.	18.8	13.4	13.6	71.3	84.5	15.27	.....	(13)	13.8	.....	.....	.....	10.4
.....	Dr. Basedow's	Forest River	do.	19.6	14.1	13	71.9	77.4	15.57	.....	(35)	13.7	.....	.....	.....	10.1
.....	A. L. A.	Derby	do.	17.7	12.8	13.2	72.3	86.8	14.57	.....	(13)	14.1	.....	.....	.....	9.7
Totals.....	.....	.....	.....	(7) 131.9	(7) 90.7	(7) 92.9	(7) 68.8	(7) 83.5	(7) 15.02	(3) 24.2	(1) 28.8	(7) 94.3	(2) 30.6	(4) 54.6	(3) 31.7	(7) 71.8
Averages.....	.....	.....	.....	13.84	12.96	13.27	.....	.....	.....	12.1	7.2	13.47	.....	.....	10.57	10.26

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{1}{b \times 100}\right)$
424	S. A. M. A.		Adult.	9.2	71	48	---	20 3.25	20 4	81.2	18 4.95	2.95	59.6	6	7	116.7
222	do.		do.	9.5	66.5	50	---	3.42	4	85.5	5.05	2.6	51.6	9	7.1	110.9
423	do.		do.	9.2	---	---	3.1	3.22	3.98	80.9	4.85	2.9	59.8	---	---	---
18	A. L. A.	Derby	do.	8.9	65	50.5	4.4	3.72	4.15	89.6	3.45	3	65	6.2	c 7.6	122.6
1	do.	do.	do.	9.8	---	---	---	3.28	3.95	83	18 4.9	2.8	57.1	---	---	---
	Dr. Basedow's	Forest River	do.	9.1	---	---	---	19 3.2	10 3.9	82	4.8	2.8	58.3	---	---	---
b 18	A. L. A.	Derby	do.	8	---	---	3.3	3.22	3.82	84.3	5.05	2.7	53.5	---	---	---
Totals.				(1) 64.3	(2) 67.6	(2) 49.6	(3) 10.8	(1) 23.31	(1) 27.8	(1) 83.9	(1) 35.05	(1) 19.75	(1) 56.3	(3) 18.6	(3) 21.7	(3) 116.6
Averages.				9.19	67.6	49.6	3.6	3.53	3.97	83.9	5.01	2.82	56.3	6.2	7.83	116.6

^a Lower right median incisor and both upper median incisors missing.

^b Surely male.

^c Alveolar arches very stout in region of molars.

NOTE.—For footnotes to reference figures see p. 3.

CENTRAL AUSTRALIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
"U" B3 797	S. A. M. A. do. do.		Adult. do. do.	19.2 19 19	13.3 13.2 13.5	14 13.8 13	69.9 69.6 71	86.4 85.7 80.2	15.50 15.33 15.17	12.12 12.11 11.33	86.71 86.5 (18)	13.6 13.2	88 88.7 85.2	52.3 49.2	10.5 10.5	10.3 10.3
"C5"	Dr. Basedow's Dr. Campbell's Dr. Basedow's	Flinder's Ranges. do. Musgrave Ranges.	do. do. do.	18.7 19 18.5	13.3 13.8 14	12.4 13 12.3	77.5 72.6 75.7	77.5 79.8 75.9	14.80 15.27 14.93	11.3 10.9 11.3	7 6.7 7	13.5 14.5 13.3	88.7 86.2 85.6	51.8 46.2 52.6	10.7 11.5 9.6	11 10 10
Totals. Averages.				18.9 13.4	13.1 13.62	13.80 13.6	71.5 71.5	80.7 80.7	15.17 15.17	11.4 11.4	34.3 34.3	13.1 13.1	88.1 88.1	50 50	9 9	10.18 10.18

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle °	Alv. Angle °	Lower Jaw. Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (i)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{i}{b \times 100}\right)$
"U" B3 797	S. A. M. A. do. do.		Adult. do. do.	9.3 9.4	68.5 70	54.5 54	4.1 3.4	3.62 3.58	4 4	90.5 86.9	4.75 4.45 4.3	2.8 2.7 2.8	69 60.7 62.8	6.1 6.1	6.1 6.2	100 101.6
"C5"	Dr. Basedow's Dr. Campbell's Dr. Basedow's	Flinder's Ranges. do. Musgrave Ranges.	do. do. do.	9 8.8	61 72	44 45.5 59.5	3.8 3.6 3.5	2.78 3.3 3.45	3.75 4.1 3.62	77.1 87.5 95.3	4.55 4.65 5.2	2.7 2.6 2.5	59.4 55.9 48.1	6.4 6.6 5.7	6.8 6.8 6.4	106.2 108 112.8
Totals. Averages.				9.3 9.3	68 68	51 51	3.68 3.68	3.31 3.31	3.91 3.91	87.6 87.6	27.9 27.9	16 16	67.4 67.4	5 5	6.18 6.18	101.6 101.6

NOTE.—For footnotes to reference figures see p. 3.

* Whole skeleton, Arunta tribe.

AUSTRALIAN CRANIA. LOCALITY UNKNOWN
 MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxium (glabella ad maximum)	Diam. lateral maxium.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
12983	N. M. M.		Adult	19.7	12.4	14.2	62.9	83.3	15.35		7.2	13.3		74.1	10.5	10.4
52	S. A. M. A.		do.	13.6	12.3	12.8	66.1	83.7	14.37	11.5	7.9	12.1	96	66.4	10.6	9.9
51	do.		do.	19.4	12.9	13.1	66.5	80.9	15.13		7.6	13		68.5	12.3	10.9
12989	N. M. M.		do.	19.5	13.7	13.8	70.3	83.7	15.67	11.8	7.4	13.7	86.1	64	10.8	10.5
12985	do.		do.	19.2	13.6	14.4	70.8	87.8	15.73		6.8	13.1		57.9	9.9	10.4
12987	do.		do.	13.2	13	13	71.4	83.3	14.73		6.6	14.1		46.8	10.4	9.8
1A132	S. A. M. A.		do.	13.8	14	13.1	74.5	79.9	15.30	11.2	9.8	13.5	83	60.4	10.4	9.9
Totals				133.4	91.9	94.4	68.9	83.8	15.23	34.5	49.1	92.8	87.8		74.9	71.8
Averages				19.06	13.13	13.49	68.9	83.8	15.23	11.50	7.01	13.36	87.8	52.9	10.7	10.26

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits-Height, mean	Orbits-Breadth mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxium.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxium. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
12983	N. M. M.		Adult	9.6	69	85		3.18	4	76.5	5	2.0	88	5.9	6.9	117
52	S. A. M. A.		do.	9.6	65.5	47.5		3.22	3.78	85.9	4.6	2.6	56.5	7.2	7.4	101.6
51	do.		do.	10.7	61	46		3.55	3.78	85.9	5.2	2.6	50	6.3	7.0	97.2
12989	N. M. M.		do.	9.5	67.5	52	3.6	3.9	82.3	5.05	2.6	49.5		7.2	7.7	111.1
12985	do.		do.	8.9	74.5	55		3.5	3.75	83.4	4.9	2.8	67.1	6.3	7.5	122.8
12987	do.		do.	9.1	66	49		3.2	3.7	86.5	4.5	2.45	54.4	5.8	6.5	112.1
1A132	S. A. M. A.		do.	9	66.5	44.5	3.4	3.48	3.95	88.1	4.9	2.65	54.1	5.8	6.7	111.7
Totals				66.6	67	49	3.5	23.73	26.86	83.3	4.88	18.6	87.8	43.2	47.5	110
Averages				9.37	67	49	3.5	3.89	3.84	88.3	4.88	2.66	54.5	6.17	6.79	110

NOTE.—For footnotes to reference figures see P. 3.

* Long ellipse.

* Whole skeleton.

SOUTH AUSTRALIAN CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
62927	S. A. M. A.	Glenville.	Adult.	18.3	11.8	12.1	64.5	80.7	14.07	10.4	6.8	12.3	84.6	55.8	11.2	9.6
13	A. L. A.	Reedbeds Adelaide.	do.	18.9	12.2	13.2	64.6	84.6	14.77	10.6	6.7	12.6	84.6	59.8	10.8	10.4
483	S. A. M. A.	Meninge.	do.	18.6	12.1	12.4	65	80.5	14.37	10.8	6.4	12.6	88.5	59.8	10.1	9.8
483	do.	Lower Murray River.	do.	19.1	12.6	12.2	66	84.8	14.17	10.8	6.4	13.1	86.5	54.9	10.1	9.4
712	do.	Dry Creek.	do.	18.8	12.4	13.4	66	85.9	14.03	11.2	6.4	13.1	86.5	48.8	10.1	9.4
263	do.	Swanport.	do.	18	11.9	12.2	66.1	81.3	14.87	9.6	5.9	12.4	77.4	47.6	10.2	10.6
348	do.	Fulham.	do.	18.6	12.3	12.2	66.1	81.3	14.03	9.6	7	12.4	77.4	47.6	10.2	9.8
386	do.	Sydenham.	do.	18.9	12.5	13.3	66.1	84.7	14.90	10.7	6.7	12.5	85.6	62.5	10.4	10
13025	N. M. M.	Port Augusta.	do.	18.9	12.6	12.3	66.3	77.8	14.63	10.7	6.7	12.5	85.6	62.5	10.4	10
404	S. A. M. A.	Mount Pleasant.	do.	18.1	12	11.9	66.3	79.9	14	10.7	6.7	12.5	85.6	62.5	10.4	10
110	do.	Murray Bridge.	do.	18.5	12.3	13	66.5	84.4	14.60	10.7	6.7	12.5	85.6	62.5	10.4	10
241	do.	Swanport.	do.	18.9	12.6	12	66.7	76	14.50	10.7	6.7	12.5	85.6	62.5	10.4	10
87	do.	Murray Bridge.	do.	18.4	12.3	12.6	66.8	81.8	14.43	11.4	6.9	12.2	83.4	59	10.8	9.5
305	do.	Swanport.	do.	18.7	12.5	12.4	66.8	81.8	14.53	11.4	6.9	12.2	83.4	56.6	9.9	9.6
364	do.	Fulham.	do.	18.2	12.2	12.3	67	80.9	14.23	11.4	6.9	12.2	83.4	52.5	10	9.8
374	do.	do.	do.	18.5	12.4	12.2	67	80.9	14.23	11.4	6.9	12.2	83.4	52.5	10	9.9
263	do.	Swanport.	do.	19	12.8	13.1	67.4	82.4	14.97	10.2	6.5	12.4	82.5	52.4	9.8	10
164	do.	Milang.	do.	17.3	11.7	12.7	67.6	82.8	13.67	10.2	6.6	11.5	88.7	57.4	10.4	9.4
172	do.	do.	do.	18.5	12.5	12.7	67.6	81.9	14.57	10.2	6.5	11.5	88.7	57.4	11	10.5
172	do.	Near Murray Bridge.	do.	17.9	12.1	12.7	67.7	80.8	14.60	10.2	6.5	11.5	88.7	57.4	11	10.5
B4	do.	Henley Beach.	do.	18.6	12.6	12.6	67.7	80.8	14.60	10.2	6.5	11.5	88.7	57.4	11	10.5
43	do.	Reedbeds Adelaide.	do.	18.2	12.4	12.1	68.1	79.1	14.23	10.9	6.9	11.7	93.2	59	10.8	9.9
88	do.	Murray Bridge.	do.	18.8	12.8	11.6	68.1	73.4	14.40	10.5	6.3	12.2	86.1	51.6	10.7	9.7
121	do.	Walkerville.	do.	18.2	12.4	12.2	68.1	78.4	14.20	10.5	6.3	12.2	86.1	51.6	10.7	9.7
286	do.	Swanport.	do.	18.9	12.9	12.2	68.2	76.7	14.67	10.6	6.8	12.6	84.1	54	10.6	40
285	do.	do.	do.	18.9	12.9	12.2	68.2	81.1	14.90	710.2	6.4	12.5	81.6	51.2	10.3	9.8
Y	do.	Yorke Peninsula.	do.	17.9	12.9	12.2	68.2	81.3	14.10	710.2	6.4	11.9	81.6	54.6	10.9	10
1366	do.	Port Macleay.	do.	18.3	12.9	12.2	68.5	79.2	14.33	10.7	6.4	12.6	84.9	50.8	10	9.3
50	do.	Adelaide.	do.	17.4	11.9	11.6	68.4	79.4	13.63	10.9	6.4	12.9	81.5	50.8	10	9.2
165	do.	Henley Beach.	do.	17.7	12.1	12.4	68.4	85.2	14.07	10.9	6.9	12.9	81.5	50.8	11	10.5
49	do.	Reedbeds Adelaide.	do.	17.5	12	11.8	68.6	79.7	13.77	10.8	6.9	12.9	88.5	56.6	10.1	9.4
16563	N. M. M.	Lower Coorong.	do.	18.6	12.8	13.2	68.8	84.1	14.87	10.8	6.9	12.3	88.5	56.1	10.7	10.1
275	S. A. M. A.	Swanport.	do.	18.6	12.8	12.7	68.8	80.9	14.70	10.8	6.8	13.1	81.9	51.9	10.4	10.3

312	do.	do.	12.8	11.9	68.8	76.8	14.43	4 10	5.8	12.4	80.6	46.8	10.1	9.6
313	do.	do.	12.6	12.9	68.8	83.8	14.60		6.6	12.9		51.2	10.3	9.9
340	do.	do.	12.8	12.6	68.9	80.2	14.67		6.6	12.9		51.2	10.5	9.9
21	A. L. A.	Bimbwrie	12.4	12	68.9	79	14.13	7 11.2	6.3	12.4	90.3	66.6	10.1	9.9
266	S. A. M. A.	do.	12.4	12.3	68.9	80.9	14.23		6.5	12.5		62	9.8	9.7
301	do.	do.	12.2	12.8	68.9	85.9	14.23		6.6	12.8		61.6	10.4	10
385	do.	do.	12.4	12.1	68.9	79.6	14.17		6.7	12.9		55.8	9.4	9.5
(C)	Dr. Pullene	Sydenham	13.1	12.6	69.0	78.8	14.60	7 11.1	6.8	12.9	86	52.7	10.8	10
4	A. L. A.	York Peninsula	13	12.4	69.2	78	14.73	7 9.9	6.1	12.7	78	48	9.8	9.5
10	do.	Laris	13	13	69.2	81.8	14.93	10.8	6.9	12.5	86.4	55.2	10.4	10
12	S. A. M. A.	Paralhaner	12.6	12.3	69.2	79.9	14.37	10	6.2	12.4	80.6	50	10.4	9.4
1261	do.	Swanport	12.8	13	69.2	83.3	14.77		6.3	12.9		48.8	10.1	9.7
265	do.	do.	12.8	12.8	69.2	82	14.70		6.3	12.9		48.8	10.1	9.4
439	do.	do.	12.5	12.2	69.4	83.6	13.83	9 9.7	5.7	12.2	79.5	46.7	9.8	9.4
710	do.	Near Morgan	12.9	12.8	69.4	84.2	14.43	9 9.8	6.3	12.7	77.2	49.6	9.6	9.6
R	do.	Near Adelaide	12.8	13	69.6	83.9	14.73		6.3				10	10.4
16565	do.	MacDonnell Bay	12.8	13	69.7	82.8	14.80	10 10.8	6.9	12.7	85	54.3	10.5	10
A44	N. M. M.	Lower Coorong	17.5	12.8	69.7	84.8	14.83	4 10.2	6.6	12	85	55	9.9	9.8
129	A. L. A.	Glanville	12.4	12.8	69.7				6.6					
41	do.	Tatum Bend	13.1	13.6	69.7	85	15.17	7 10	6.1	12.6	79.4	48.4	10	9.7
B2	do.	Koomb	13.1	13.6	69.7	73.8	14.57	10 10.8	7	12.6	84.4	54.7	10	9.6
V	do.	Mt. Dulton Bay	12.4	12.4	69.7	82.1	14.20		7.1	13.4	83.6	53	10.8	10.3
H8	S. A. M. A.	Mallala	12.8	13	69.7	81.2	14.97	9 11.2	6.3	13.4	74.6	47	10.2	9.7
280	do.	Meningie	12.8	12.2	70	78.2	14.43	4 10	6.3	13.4			10	9.4
417	do.	Swanport	12.8	12.2	70	76.3	14.43	11.5	7.1	13.4			10.2	10.2
399	do.	Wood's Point	12.8	12.6	70.1	80.8	14.63	7 10.2	6.6	12.7	80.9	49.6	10.6	9.6
S679	do.	Coorong	12.7	12.6	70.2	81.8	14.47		6.3	11.7			10.2	9.6
371	A. M. S.	Chuka Bond	12.5	13	70.2	85.5	14.43		6.4	11.7			10.2	9.8
4	S. A. M. A.	Fulham	13.2	12.6	70.2	78.8	14.87		6.3	12.2			10.6	9.6
94	do.	Near Meningie	12.8	11.6	70.3	74.8	14.90	10 10.4	(3)	12.5	83.2	52.8	10.2	9.5
281	A. L. A.	Cardweene	12.8	13	70.3	83.9	14.67	11	6.8	12.4	88.7	54.8	9.6	9.8
356	S. A. M. A.	Swanport	12.8	12.6	70.3	81.3	14.53		5.7	13.3		42.9	10.4	9.8
3076	do.	Fulham	13	13	70.3	82.3	14.83		6.5	12			10.4	9.6
K	do.	Glen Elle	12.8	12.4	70.3	80.2	14.47	7 10.1	6.5	12	84.2	54.2	10.4	10
H8	do.	Near Adelaide	12.8	12.3	70.3	79.4	14.43		6.5	12			10.4	9.6
259	do.	Glenely	12.9	13	70.5	83.1	14.73	10 10.2	6.5	12.3	82.9	52.8	10.5	10.2
354	do.	Swanport	13.2	13.3	70.6	83.1	15.07	10 9.9	6.8	12.4	79.8	54.8	9.7	10
20	do.	Fulham	13.2	13	70.6	82.8	14.80						10.5	10.5
20	do.	Coorong	12.3	11.5	70.7	77.7	13.73		6.5				9.6	9.1
111	do.	Port Pirie	13.1	12.8	70.7	81	14.80		12.3				9.6	9.6
274	do.	Swanport	12.9	12.4	70.9	79.5	14.60		6.6	12.9		51.2	9.7	9.6
296	do.	do.	12.2	12.3	70.9	83.7	13.90	9 9.6	6.9	12.1	79.5	48.8	10.1	9.4
319	do.	do.	12.2	12.6	70.9	80.8	14.57		6.4	12.4		51.6	10.6	9.7
383	do.	Sydenham	12.9	13	70.9	83.3	14.70		6.9	12.7	89	54.3	10.4	9.8
11406	do.	Murray Bridge	13.2	12.8	71	80.5	14.87	4 11.3	(13)	12.7			10.4	10
11440	do.	Campbelltown	13.2	13.2	71.1	83	15		6.6	12.2			9.8	10.4
95	do.	Mannum	12.8	12	71.1	77.9	14.27		6.6	12.2		54.1	9.8	9.2
306	do.	Swanport	12.8	13.3	71.1	86.4	14.70	9 10.7	6.6	12.7	84.2	52	10.2	9.6
J(351)	do.	Fulham	12.8	13.3	71.1	86.4	14.70	9 10.7	6.6	12.7			10.2	9.6
A903	do.	Near Adelaide	18	13.5	71.1	87.7	14.77		6.6	12.7			10.2	9.6

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 47.

SOUTH AUSTRALIAN CRANIA—Continued
FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Monton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Factal Index, total $\left(\frac{c}{a \times 100}\right)$	Factal Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
17	A. L. A.	Middleton	Adult	18.8	13.4	13.2	71.5	80.5	15.13	910.4	7	12.1	86	57.8	9.9	10.1
82	S. A. M. A.	Near Adelaide	do	17.4	12.4	12.4	71.3	80.5	13.93	910.4	7	12.1	86	57.8	9.9	10.1
289	do	Swanport	Near adult	18.1	12.9	12.2	71.5	80.5	14.47	910.3	6.4	12.8	80.5	50	10.2	9.4
292	do	do	Adult	17.9	12.8	12.2	71.5	79.2	14.30	910.3	6.4	12.9	81.4	49.6	10.5	9.8
390	do	Meningie	do	17.9	12.8	11.6	71.5	76.3	14.10	910.3	6.7	11.9	86.6	56.3	10.9	9.6
422	do	Port Victor	do	18.6	13.3	11.8	71.5	73.8	14.57	910.3	6.4	12.5	84	51.2	10	9.4
220	do	Zoological Gardens	do	17.6	12.6	12.7	71.6	74.1	14.30	910	6.2	11.9	84	52.1	10.3	9.2
359	do	Fulham	do	19	13.6	12.6	71.6	75.2	14.40	910.7	6.3	12.1	80.2	52.1	9.8	9
412	do	Adrossan	do	18.3	13.1	11.8	71.6	75.2	14.40	910.7	6.3	12.1	80.2	52.1	9.8	9
A1	do	Quorn	do	17.6	12.6	12.4	71.6	82.1	14.20	910.4	6.5	12.6	78.2	51.6	10.4	9.7
245	do	Swanport	do	18.7	13.4	12.7	71.7	73.4	14.93	910.4	5.9	13.3	78.2	44.4	10.3	9.9
357	do	do	do	18.4	13.2	12.7	71.7	73.4	14.93	910.4	5.9	13.3	78.2	44.4	10.3	9.9
357	do	Fulham	do	18.4	13.2	12.7	71.7	73.4	14.93	910.4	5.9	13.3	78.2	44.4	10.3	9.9
357	do	Sydenham	do	18.1	13	12.6	71.8	80.8	14.57	910.4	6.8	12.6	54	48.4	10.4	9.8
A3	do	Loxon	do	17.7	12.7	12.2	71.8	80.3	14.20	910.9	5.9	12.2	81.2	48.4	9.7	9.3
1293	N. M. N.	Port Lincoln	do	17.8	12.8	12.2	71.9	79.7	14.27	910.9	6.1	12.3	80.5	49.6	10	9.4
164	S. A. M. A.	Port Augusta	do	17.8	12.8	13	71.9	85	14.53	910.9	7.3	12.3	80.5	49.6	10.8	10
13A	do	Lower Coorong	do	17.8	12.8	12.3	71.9	80.4	14.30	910.9	5.8	12.2	79.5	47.5	9.6	9.4
O	do	Upper Coorong	do	18.2	13.1	12.5	72	80.1	14.60	910.6	6.4	12.3	86.2	52	9.6	9.4
p 15	A. L. A.	Adrossan	do	18.3	13.2	12.6	72.1	79.8	14.70	910.9	6.5	12.8	85.2	50.8	10.2	9.6
350	S. A. M. A.	Fulham	do	18.3	13.2	12.7	72.1	80.4	14.73	910.9	6.5	12.8	85.2	50.8	10.2	9.6
X	do	Yorke Peninsula	do	17.2	12.4	12.2	72.1	82.4	13.93	910.8	6.6	12.1	64.6	49.3	9.3	9
255	Dr. Basedow's	do	do	18	13	12.4	72.2	80.8	14.47	910.8	6.9	12.3	87.8	56.1	10.2	9.6
343	S. A. M. A.	Swanport	do	18	13	12.6	72.2	81.9	14.59	910.8	6.9	12.3	87.8	56.1	10.2	9.6
358	do	do	do	18	13	12.7	72.2	81.9	14.57	910.8	6.3	13.3	73.7	47.4	10.1	9.8
H1	do	Fulham	do	18	13.3	12	72.3	76	14.57	910.8	6.3	13.3	73.7	47.4	10.1	9.8
406	do	Inkerman	do	18.5	13.4	12.7	72.3	79.4	14.57	910.8	6.7	12.4	40.6	40.6	9.6	9.6
407	do	Narrung, Lake Albert	do	18.1	13.1	12.7	72.4	79.4	14.57	910.8	6.3	13.3	40.6	40.6	9.6	9.6
11 ^b 415	do	Henley Beach	do	17.4	12.6	13	72.4	86.7	14.33	910.6	5.9	12.1	79.3	48.8	9.7	9.6
90	do	Near Mount Gambier	do	17.1	12.4	12.8	72.5	86.6	14.10	910.9	6.5	11.6	94	56	9.1	9.1
316	do	Cape Northumberland	do	17.9	13	12.2	72.6	79.2	14.37	910.9	6.7	12.4	92.7	54	9.8	9.5
406	do	Coorong	do	17.9	13	12.8	72.6	83.1	14.57	910.9	6.7	12.4	92.7	54	9.8	9.5
167	do	Swanport	do	17.9	13	12.8	72.6	83.1	14.57	910.9	6.7	12.4	92.7	54	9.8	9.5
316	do	do	do	17.9	13	12.8	72.6	83.1	14.57	910.9	6.7	12.4	92.7	54	9.8	9.5
488	do	Glenelg	do	16.8	12.2	11.8	72.6	81.4	13.60	910.2	6	11.6	78	50.8	9.5	9
H10	do	Near Adelaide	do	17.9	13	12.8	72.6	83.1	14.57	910.9	6.7	12.4	87.9	54	10.6	10.1
C	do	Near Meningie	do	18.6	13.5	12.1	72.6	73.6	14.73	910.9	5.9	12.7	56.1	56.1	9.6	10

338	do	Swanport	17.6	12.8	5 12.1	72.7	73.6	14.17	5.8	12.3	47.2	9.5	9.8
370	do	Fulham	18	13.1	12.4	72.9	78.2	13.63	7	12.2	51.4	10.3	9.6
103	do	Plympton	18.8	13.7	(35)	72.9		11.1	6.6	12.9	57.4		
r T	do	Near Meningie	17.8	13	11.4	73	71	14.07		85.3	51.2		
34	do	do	17.8	13	11.9	73	77.3	14.23	6.7	13	51.5	10.1	9.4
251	do	do	17.8	13	13.3	73	84.4	14.60	6.7	13	51.5	9.7	9.5
2189	do	do	17.8	13	12.1	73.1	79.6	14.13	6.6	12.8	51.6	10.3	9.2
249	do	do	17.5	12.8	12.6	73.1	84.3	14.53					10.7
f T	do	do	18.6	13.6	12.6	73.1	78.3	14.53					9.7
f W	do	do	18.6	13.6	12.6	73.1	81.9	14.53					9.4
269	do	do	17.2	12.6	12.2	73.3	81.9	14	7.2	11.8	61	9.6	10
42	do	do	17.7	13	13.1	73.4	85.1	14.60					9.6
do	do	do	17.7	13	12.4	73.4	80.5	14.37	6.1	12.7	54.3	10.2	9.6
276	do	do	18.4	13.5	11.9	73.4	74.4	14.60	6.9	12.7	54.3	10.2	9.6
H7	do	do	17.8	13.1	12.2	73.6	79.2	14.37	6.5	12.6	51.6	10.6	9.5
320	do	do	18.2	13.4	11.8	73.6	71.7	14.47	6.4	13.3	48.1	9.8	9.6
347	do	do	17.4	12.8	12.6	73.6	83.4	14.37	6.7	12.8	52.3	9.7	9.4
401	do	do	18.2	13.4	12.5	73.6	79.1	14.70	6.8	13.3	51.1	10.8	10.1
B	do	do	17.9	13.2	12.6	73.7	80.8	14.57					9.5
437	do	do	18	13.3	12.6	73.9	80.8	14.63	6.4	12.7	51.2	10.8	9.6
f 8	A. L. A.	do	18.4	13.6	13.4	73.9	83.8	15.13	6.5	12.5	53.6	9.5	9.4
f 30	do	do	18	13.3	11.8	73.9	75.6	14.37					10
96	S. A. M. A.	do	17.6	13	11.8	73.9	77.1	14.13					9.6
271	do	do	17.6	13	12.6	73.9	82.4	14.40	6.7	12.5	53.6	9.5	9.4
f 1035	do	do	18.6	13.8	12.6	74.2							9.6
f 333	do	do	18.3	13.6	12.1	74.3	75.6	14.67	6.4	12.9	49.6	10.2	9.6
243	Dr. Basedow's	do	18	13.4	13.1	74.4	83.4	14.83	6.4	12.9	49.6	10.4	10.1
413	S. A. M. A.	do	18.3	13.4	12.8	74.4	81.5	11.73	6.5	13	50	10.5	10.7
f 392	do	do	18.8	14	13.3	74.6	81.9	15.37					9.4
268	do	do	17	12.8	12.3	75.3	83.2	14.07	6.5	12.3	52.8	9.7	9.4
91	do	do	18.2	13.8	12.3	75.8	76.9	14.77	6.3	13.4	47.8	10.5	9.8
B10	do	do	18.2	13.8	12.5	75.8	78.1	14.83	6.6	11.9	49.2	9.7	9.4
f 42	A. L. A.	do	17.1	13	12.6	76	84	15.23	6.6	12.8	56.5	10.1	9.6
341	S. A. M. A.	do	16.5	12.6	12.3	76.4	91.1	14.13	5.8	12	48.3	9.3	9.1
f F	do	do	18.2	13.9	12.6	76.4	78.8	14.90	7	13.8	50.7	10.4	10.2
1081	do	do	18.1	14.4	13	79.6	80.2	15.17	7.4	13.9	53.2	11.2	10.3
Totals	(183)	(339)	2,882.9	2,003.5	1,787.5	(150)	(113)	(143)	(131)	(108)	(70)	(117)	(141)
Averages	18.16	12.84	12.6	70.7	80.7	797.2	789.4	1,350.6	6.52	1,192.9	53.2	10.2	9.72
Minima	16.5	11.7	11.4	64.5	73.4	14.49	10.40	12.5	5.7	11.2	42.9	9.3	9
Maxima	19.1	14.4	13.6	79.6	91.1	15.37	11.8	13.9	7.4	13.9	62.5	11.2	10.7

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 47.

SOUTH AUSTRALIAN CRANIA—Continued
FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
2027	S. A. M. A.	Glanville.	Adult.	9.6	58.5	45	3.4	3.08	3.6	85.6	4.4	2.8	63.6	6.6	6.3	95.4
13	A. L. A.	Reedbeds Adelaide.	do.	9.6	68.5	51	3.4	3.35	3.8	83.1	4.7	2.7	67.4	6.4	6.1	95.3
158	S. A. M. A.	Meninge.	do.	8.9			3.22	3.85	3.85	83.6	4.45	2.9	65.2			
98	do.	Glenelg.	do.	8.6	64.5	47.5	3.35	3.35	3.62	92.5	19.4.4	2.4	44.5	5.9	5.3	100
83	do.	Lower Murray River.	do.					19.3.8	19.3.8	89.5	4.9	2.2	44.9	5.9	6.3	106.8
712	do.	Dry Creek.	do.													
253	do.	Swanport.	do.	9.2	69.5	50.5	2.85	3.3	3.7	89.2	4.3	2.4	55.8	5.8	6.2	106.9
348	do.	Fulham.	do.					3.8	3.85	98.7	5.1	2.65	62	5.9	5.85	99.2
f 386	do.	Sydenham.	do.	9.5	68	61	3.7	3.35	3.8	88.1	4.4	2.55	68	5.9	6.9	117
13025	N. M. M.	Port Augusta.	do.	9.3	63	50	3.7	3.5	3.95	88.0	4.3	2.8	66.1	6.2	0	96.8
404	S. A. M. A.	Mount Pleasant.	do.													
110	do.	Murray Bridge.	do.	9.6	66.5	42.5			(7)		5.2	2.7	51.9	5.7	6.2	108.8
f 241	do.	Swanport.	do.	8.8	69	51	3.35	3.58	3.58	93.6	4.3	2.6	60.5	6.2	6.2	108.8
87	do.	Murray Bridge.	do.	8.6	62	47	3.2	4.1	78	4.4	4.4	2.5	66.8	6.8	6.6	97.1
305	do.	Swanport.	do.	8.8	69	49		3.28	3.62	90.6	4.55	2.35	51.7	5.7	6.1	107
364	do.	Fulham.	do.													
374	do.	do.	do.													
f 263	do.	Swanport.	do.	8.8	72.5	53.5	3	3.32	3.75	88.6	4.75	2.5	52.6	5.6	6	107.1
154	do.	Milang.	do.	9	62.5	48	3.3	3.38	3.55	95.2	13.4.4	2.5	66.8	6.1	6.4	104.9
172	do.	do.	do.	9.8	68	51.5		19.3.4	19.3.6	94.4	4.45	2.65	69.6			
H16	do.	Near Murray Bridge.	do.													
B4	do.	Henley Beach.	do.													
43	do.	Reedbeds Adelaide.	do.	9.4	64.5	48		3.35	3.8	83.1	4.75	2.4	60.6	6.2	6.5	104.8
88	do.	Murray Bridge.	do.	9.2	63.5	41		3.25	3.8	85.6	4.4	2.5	66.8	6.1	5.9	96.7
121	do.	Walkerville.	do.	8.6	69	50	3	3.18	3.62	87.8	4.5	2.35	62.2	6	6.3	105
f 286	do.	Swanport.	do.	9.2	67.5	52.5	2.85	3.4	3.68	92.4	4.5	2.4	53.9	6.2	6.2	101.6
f 285	do.	do.	do.	9.2	67.5	52.5		3.05	3.72	87.4	13.4.5	2.55	66.7	5.9	6.4	108.6
Y	do.	York Peninsula.	do.	9.5	64.5	45.5	3.05	3.05	3.72	87.4	4.5	2.55	66.7	6.2	6.4	108.2
1366	do.	Port Macleay.	do.	8.8	65	49.5		19.3.45	19.3.45	89.6	4.5	2.5	65.6			
50	do.	Adelaide.	do.	9.8	64	53.5		19.3.4	19.3.7	91.9	4.9	2.55	69.7			
165	do.	Henley Beach.	do.	9.8	67.5	51	3.3	3.4	3.8	89.5	4.9	2.5	51	6.2	6.2	100
49	do.	Reedbeds Adelaide.	do.	8.6	61	49		3.55	3.75	94.7	4.4	2.45	65.7	5.8	6	103.4
16563	N. M. M.	Lower Coorong.	do.	9.4	66	51		3.52	3.52	91.6	4.65	2.3	49.6	6.1	6.2	101.6
275	S. A. M. A.	Swanport.	do.	9.2	70	51	3.2	3.42	3.92	87.2	4.8	2.65	65.2	5.9	6.3	106.8

312	do	do	8.6	68	38.5	2.7	3.22	3.6	89.5	19.4, 15	2.3	65.4	5.8	6.2	106.9
342	do	do	8.9	68	44.5		3.22	3.75	85.0	4.75	2.75	67.9	6.1	6.5	106.6
# 340	do	do	9.3	66.5	51		3.28	3.85	85.0	4.55	2.65	68.2	5.8	6.8	117.2
21	A. L. A.	do	8.8	68	50	3.35	3.42	3.75	91.2	4.8	2.65	65.2	6	6.8	113.5
206	S. A. M. A.	do	8.7	69.5	53		2.98	3.5	85.1	4.65	2.3	69.5	5.6	5.8	103.6
301	do	do	8.7	69.5	48		3.42	3.75	91.2	19.4, 4	2.5	66.8	5.8	6.5	112.1
300	do	do	8.4	70	57.5		3.38	3.78	94.7	4.5	2.5	65.6	5.5	6.3	109.1
385	Sydenham	do	8.4	65	47		3.28	3.8	85.6	4.7	2.45	62.1	6	6.3	94
4	Dr. Pullene	do	9.4	65	47	3.5	3.25	3.8	85.6	4.5	2.3	61.1	6	6.3	106
12	A. L. A.	do	8.8	69	50.5	2.9	3	3.65	82.2	19.4, 7	2.7	67.4	6.3	6.8	107.9
10	A. L. A.	do	9.3	67	55.5	3.3	3.5	3.5	100	3.6	2.4	66.7	3.6	6.6	116.8
f 261	Paralimner	do	8.6	68	53		3.15	3.85	81.8	4.5	2.5	66.7	3.6	6.6	116.8
f 272	do	do	9.1	68	53		3.22	3.48	92.5	4.5	2.5	65.7	5.7	6.3	110.5
265	do	do	8.8	69	48	2.7	3.45	3.8	90.8	19.4, 2	2.55	60.7	5.5	5.8	105.4
490	do	do	8.6	71	51	2.8	3.55	3.75	89.5	19.4, 6.5	2.55	54.8	5.7	6	105.5
710	Near Morgan	do													
K	MacDonnell Bay	do					393.4	30.3, 7	91.9	4.55	2.8	61.5	6.1	6.4	104.9
16565	Lower Coorong	do	9.2	67	49.5	3.5	3.4	4.15	81.9	19.4, 8.5	2.5	51.0	6.1	5.9	103.5
A44	Ghanville	do	8.9	69.5	53.5	2.9	3.52	3.7	96.1	4.75	2.3	48.4	3.7		
f 29	Tailern Bend	do													
* 41	Koombo	do	8.8	69.5	47	3	2.9	3.7	78.4	4.4	2.85	64.8	6	6.7	111.7
V	Mt. Dulton Bay	do	9.1	66	62	3.3	3.58	3.88	92.5	4.55	2.3	50.5	5.8	6.2	106.9
B ₂	Mallala	do													
H ₂	Meningie	do	9.6	66.5	54	3.4	3.5	3.92	89.5	19.4, 8.5	2.35	48.5	6.3	6.8	107.9
280	Swampart	do	9.2	67	52.5	2.8	3.5	3.5	92	4.55	2.55	56	5.9	6.7	113.6
417	Woods Point	do	8.5	64	40	3.5				4.65	2.65	67	6.1	6.1	100
309	Coorong	do	9.4	69.5	48.5	3	3.15	3.75	87	4.5	3.35	74.4	5.9	6.1	103.4
S679	Chuka Bond	do	8.9	66	50.5		3.25	3.65	80	4.4	2.5	66.8	6	6.4	108.7
f 371	Fulham	do	9	68.5	50.5	2.8	3.38	3.8	83.0	4.35	2.3	69.9			
f 374	Near Meningie	do	9	63.5	41		3.35	3.9	86.9	4.4	2.15	48.9			
38	Cardweene	do	8.4			3.2	3.2	3.8	84.2	4.7	2.8	69.6	5.5	6.7	121.8
* 94	Augustane	do	8.6	71	55		3.35	3.82	87.7	4.95	2.6	62.5	6.3	6.7	121.8
281	Swampart	do	8.9	68	41.5		3.18	3.88	82	19.3, 9	2.6	66.7	6.3	6.3	100
f 360	Fulham	do	9.4			3									
3076	Glen Ello	do	9.2	68	47	2.75	3.58	3.75	95.5	19.4, 7.5	2.55	63.7	5.7	6.7	117.5
K	Near Adelaide	do	8.8	64.5	42	2.85	3.28	3.75	87.5	19.4, 4.5	2.55	67.5	6	5.8	96.7
H ₃	Glenely	do	9.3	69.5	52	* 2.6	3.55	3.85	87.5	4.5	2.5	65.6	6	6.5	108.5
f 259	Swampart	do	8.6	72.5	54.5		3.55	3.68	96.5	19.4, 7.5	2.35	49.5	5.7	6.3	110.5
f 354	Fulham	do	8.4	65.5	50.5		3.15	3.52	89.5	19.4, 5	2.25	60	5.5	5.7	103.6
i H	Coorong	do	9			3	3.38	3.58	94.4	4.5	2.3	61.1	5.7	6	106.3
274	Port Pirie	do	8.4	69	48		3.62	3.8	95.5	19.4, 6	2.55	65.4	5.8	6.2	106.9
295	Swampart	do	8.9	66	48	2.8	3.2	3.5	91.4	4.15	2.5	60.2	5.7	6.7	108.1
319	do	do	9.2	64.5	44		3.2	3.75	85.4	4.5	2.6	67.8	6.2	6.6	108.4
m 383	Sydenham	do	9.1				3.62	4	90.5	4.9	2.6	65.1	6.2	6.6	108.5
n 11406	Murray Bridge	do	9	67	51	3.5	3.32	3.75	88.5	4.5	2.7	60	6	6.5	108.5
o 11460	Campbelltown	do	9.2			3.4	3.55	3.7	95.9	4.65	2.5	63.8	5.7	6.2	108.8
f 95	Mannum	do	8.3	65	42		3.4	3.8	89.5	4.65	2.8	60.2	5.7	6.8	119.5
f 206	Swampart	do	9.2	66	57	2.95	3.3, 2	3.65	87.7	4.5	2.6	67.8	6.8	6.8	
J 631	Fulham	do													
A903	Near Adelaide	do													

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 47.

338	do.	Swanport.	do.	8.7	75	51.5	3.32	3.48	95.4	18 4.35	2.3	52.9	6.1	6.5	106.6
370	do.	Fulham.	do.	9.2	64	50	3.1	3.6	86.1	18 4.7	2.25	47.9	6	6.4	106.7
103	do.	Plympton.	do.				3.2	3.95	79	4.5	2.5	55.6			
r T ₃	do.	Near Meningie.	do.												
34	do.	Adolescent	do.				3.38	3.6	55.9	4.75	2.0	54.7	5.9	6.6	111.9
Swanport.	do.		do.	8.8	64	47	3.35	3.9	55.9	4.7	2.0	51.1	5.9	6.6	111.9
251	do.	Lower Meningie.	do.	8.5	69	50.5	3.18	3.62	87.3	18 4.45	2.55	56	5.8	6.5	112.1
2189	do.		do.	8.8	61.5	44.5	20 3.45	3.9	88.5						
249	do.	Coorong.	do.												
r T	do.	Edithbury.	do.												
r W	do.	Swanport.	do.	8.5	66	53.5	3.65	3.78	96.6	18 5.15	2.45	47.6	5.9	6.3	106.8
269	do.		do.	9.5	67	40.5	3.45	3.8	80.8	4.7	2.9	61.7	6.1	6.5	106.6
42	do.	Adelaide.	do.	8.7	67	50	3.25	3.7	85.9	18 4.5	2.55	56.7	5.8	6.5	112.1
276	do.	Coorong.	do.	8.8	64.5	50	3.18	3.7	85.9						
H ₇	do.		do.												
320	do.	Swanport.	do.				3.4	3.75	90.7	4.6	2.6	56.5	6.1	6.6	108.2
347	do.	Fulham.	do.	9	63	39	3.42	3.78	90.5	18 4.65	2.95	48.4	5.7	6.5	114
401	do.	Robe.	do.	8.6	69	47	3.4	3.65	85.2	18 4.9	2.35	48	5.0	6.3	112.5
B	do.	Near Adelaide	do.	8.7	67	53	2.8	3.4	89.9	4.5	3	66.7	6.1	6.8	111.5
437	do.	Tantamoola.	do.	9.5	65.5	52	3.55	3.95	89.9						
r 8	do.	Middleton.	do.												
A. L. A.	do.		do.												
r 30	do.	Tallem Bend.	do.												
96	do.	Murray River.	do.	9.2	62	36.5	3.02	3.65	82.7	4.6	2.65	57.6	6.1	6.6	108.2
S. A. M. A.	do.	Swanport.	do.	8.2	65	42.5	3.3	3.8	86.8	18 4.65	2.4	51.6	5.7	6.6	115.8
971	do.	Yorke Peninsula.	do.	8.4	68.5	50	2.8	3.85	85.5	18 4.9	2.2	44.9	5.6	6.2	110.7
1035	do.		do.												
r 333	do.	Swanport.	do.												
Dr. Basegow's	do.	Lower Murray River.	do.	8.8	65	45	3.5	3.8	92.1	4.45	2.65	59.5	5.8	6.6	113.8
243	do.	Swanport.	do.	9.2	69.5	51	3.2	3.78	84.1	4.4	2.35	53.4	6	5.8	96.7
413	do.	Ardressan.	do.	9.4	61.5	49	3.18	3.7	85.9	4.8	2.55	53.1	6	6.8	113.8
r 392	do.	Coorong.	do.												
268	do.	Swanport.	do.	8.5	68	51	3.42	3.8	80	18 4.5	2.55	56.7	5.9	6.7	106.6
do.	do.	Coorong.	do.	9	66	43	3.22	3.85	83.6	18 4.4	2.4	54.6	5.9	6	101.7
91	do.	Coorong.	do.	8.5	68.5	51.5	2.9	3.32	91.7	4.25	2.8	65.9	5.7	6.2	108.8
B ₁₀	do.	Mt. Gambler.	do.	8.7	66.5	46	3.4	3.62	87.8	18 4.6	2.75	59.8	6.1	6.8	111.5
r 42	do.	Robe.	do.	8.5	70	54	3.35	3.72	90.1	18 4.4	2.3	52.9	5.3	6.2	117
341	do.	Swanport.	do.	8.5	70	54	3.35	3.72	90.1	18 4.4	2.3	52.9	5.3	6.2	117
S. A. M. A.	do.	Coffin Bay.	do.	9	68.5	46	3.1	3.48	81.6	5.05	2.45	48.5	6	6.8	113.8
r F	do.	Wallaroo.	do.	10	63.5	57.5	3.9	3.8	80	4.7	2.7	57.4	6.7	6.7	100
1081	do.		do.												
Totals.				1,109.8	(115)	(115)	(70)	(58)	(146)	(127)	(127)	(127)	(111)	(111)	(111)
Average.				8.95	67	49	3.08	3.74	89	4.56	2.38	55.5	5.91	6.32	106.9
Minima.				8.2	58.5	36.5	2.6	3.35	78	3.6	2.1	44.9	5.7	6.1	91
Maxima.				10	75.5	62	3.9	4.1	100	5.2	3.05	74.4	6.8	6.9	121.8

a No allowance made for wear in any case.
 b Tall female.
 c Tall, strong female.
 d Left anterior premaxilar probably knocked out.
 e Somewhat male-like (height of jaw) but more likely female.
 f Large female; Tealuck tribe.
 g Bull-Bull tribe.
 h Tall female.
 i Surely female.
 j Tealuck tribe.
 k Tall massive female.
 l Pelvis and part of skeleton.
 m Part of skeleton; evidently a large female.
 n Looks more like female than male.
 o Looks (supraorbital ridges) somewhat male-like, but is female.
 p Whole skeleton.
 q Thick and massive skull.
 r For footnotes to reference figures, see p. 3.

NORTHERN TERRITORY CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
197	S. A. M. A.	Anson Bay	Adult	18.1	11.9	12.2	69.1	28.4	13.97	70.4	6.9	11.9	85.2	88	10.2	10
227	do	Melville Island	do	18.4	11.8	13.2	67.1	28.8	14.33	71.0	6.4	12.2	85.2	82.5	10.3	10.2
443	do	Humbert River	do	17.7	11.8	13.2	66.7	28.2	14.33	71.0	6.5	12.2	85.2	83.3	10.2	10.2
380	Dr. Basedow's	Melville Island	do	18.5	12.4	13.4	67	27	14.77	70.4	6.9	11.9	85.2	88	10.2	10.1
11411	do	do	do	18.8	12.6	13.5	67.2	26	14.97	70.4	6.6	12.2	83.6	84.1	10	10.1
16119	N. M. M.	do	do	17.7	11.9	12.7	67.2	26.8	14.10	70.2	6.6	12.2	83.6	84.1	10	9.8
11452	S. A. M. A.	Melville Island	do	18.4	12.4	12.8	67.4	28.1	14.53	71.1	6.8	12.3	83.6	82.3	10.6	9.9
16109	N. M. M.	do	do	18.4	12.4	12.9	67.4	28.8	14.57	71.1	6.8	12.5	88.8	82.3	10.6	9.9
180	S. A. M. A.	Anson Bay	do	17.4	11.8	12.4	67.8	29.1	13.87	71.1	6.2	12.5	88.8	84.6	10.6	9.6
190	do	do	do	17.2	11.7	12.4	68	28.1	13.77	70.7	7.1	12.3	80.2	84.6	9.6	9.4
261	do	do	do	17.6	12	12.6	68.2	28.1	14.07	100.6	6.9	12.3	86.2	87.7	10.8	9.8
144	do	do	do	17.5	12	12.6	68.6	28.1	14.03	100.6	6.5	12.6	86.2	87.7	10.8	9.8
16378	N. M. M.	do	do	18.3	12.6	12.6	68.8	27.8	14.80	100.6	6.5	12.6	86.2	87.7	10.7	10
17082	do	do	do	18.3	12.6	12.6	68.8	27.7	14.80	100.6	6.5	12.6	86.2	87.7	10.7	10
213	S. A. M. A.	Borroloola	do	18	12.4	13.6	68.9	28.5	14.67	109.5	6.9	12.8	86.4	83.9	10.6	10.6
177	do	Anson Bay	do	17.8	12.3	12.3	69.1	28.2	14.13	109.5	6.2	12.7	86.4	83.9	10.6	10.6
217	do	Borroloola	do	17.8	12.3	13.4	69.1	28.3	14.50	109.5	6.3	12.4	86.4	83.9	10.4	9.9
16111	N. M. M.	do	do	17.6	12.2	12.4	69.3	28.2	14.07	110.1	6.3	12.5	80.8	80.4	10.4	10
151	S. A. M. A.	do	do	17.3	12	12	69.4	28.2	13.77	109.6	6.4	12.7	86.4	80.4	10.4	9.8
189	do	Anson Bay	do	17	11.8	12.6	69.4	28.2	13.77	109.6	6.6	12.7	86.4	80.4	10.4	9.8
16381	N. M. M.	do	do	17	11.8	12.7	69.4	28.2	13.83	110.2	6.3	13	85	82.5	10	9.5
68	S. A. M. A.	Port Darwin	do	17.5	12.2	13.2	69.7	28.2	14.30	110.4	6.4	13	80	82.5	10.8	10.3
409	do	Arnhem Bay	do	17.8	12.4	13.1	69.7	28.2	14.30	110.4	6.4	13	80	82.5	10.8	10.3
198	do	Anson Bay	do	17.2	12	13	69.8	28.9	14.63	79.8	6.4	12.3	79.7	82	10.8	10.8
17088	N. M. M.	do	do	17.2	12	13	69.8	28.9	14.67	79.8	6	12.3	79.7	82	10.8	9.8
17086	do	do	do	17.3	12.1	13	69.8	28.4	14.07	110.1	6.8	12.4	86.3	84.6	9.9	9.8
16113	do	do	do	18	12.6	13	70	28.5	14.53	110.7	6.7	11.7	86.3	84.6	10	9.8
147	S. A. M. A.	do	do	17.4	12.2	13.1	70.1	28.6	14.03	111	7.1	12.8	85.9	85.5	11	10.3
71	do	Port Darwin	do	17.4	12.4	13.2	70.4	28.8	14.40	110.5	6.5	11.9	86.8	85.9	10.6	9.8
206	do	Anson Bay	do	17.3	12.4	13.4	70.6	29.0	14.30	110.5	6.5	12.1	86.8	85.9	10.6	9.8
148	do	do	do	17.4	12.3	13.1	70.7	28.5	14.27	110.6	6.2	11.9	86.8	85.9	10.4	10
A5115	A. M. S.	Melville Island	do	16.8	11.9	12.9	70.8	28.6	13.87	29.6	5.9	12.1	79.3	84.8	10.2	9.8
16375	N. M. M.	do	do	17.8	12.6	13.2	70.8	28.6	14.53	110.6	6.9	12	79.3	84.8	10.4	9.8
15959	do	Hasan River	do	17.8	12.6	13.3	70.8	27.5	14.57	110.6	6.9	12.9	79.3	84.8	11.1	10.1

153	S. A. M. A.	do.	18.2	12.9	13.4	70.9	85.9	14.83	11.4	7.2	13.3	85.7	54.1	10.1
379	do.	do.	17.5	12.4	13	70.9	86.7	14.30	9.6	5.8				9.6
179	do.	do.	17	12.1	12.8	71.2	87.7	14.30	4.1.3	6.7		92.6	54.9	9.7
76	do.	Adolescent	17.4	12.4	13.4	71.2	88.2	14.07		6.1			51.2	9.6
11448	do.	Adult	18.2	13	13	71.7	88.3	14.73	11.1.1	7.2		87.4	56.7	10
228	do.	do.	16.5	11.8	12.1	71.7	88.2	13.47	10.2	6.4		82.9	52	9.9
16130	N. M. M.	Port Darwin	17.6	12.6	13.2	71.6	87.4	14.47	9.1	3.6		74.6	45.9	9.5
146	S. A. M. A.	do.	18	12.9	13.4	71.7	87	14.77		(13)				9.6
212	do.	do.	17.4	12.5	13.1	71.8	87.8	14.33		(6.5)			(50.8)	9.8
16128	N. M. M.	Borroloola	17.2	12.4	13.3	72.1	89.9	14.30		6.5			51.6	9.5
73	S. A. M. A.	Near Southport	17.6	12.7	13.8	72.2	90.8	14.70	10.9	6.8		86.5	54	9.9
16107	N. M. M.	do.	16.9	12.2	12.5	72.2	85.6	13.87	10.1	6.5		81.2	54.2	9.6
16365	do.	do.	17	12.3	13.1	72.4	89.7	14.13	10.3	6.6		83.7	53.7	9.6
16118	do.	do.	17.4	12.6	12.5	72.4	88.3	14.17	2.9.4	17.5.9		77	48.4	9.2
187	S. A. M. A.	Anson Bay	17.1	12.4	13.6	72.5	91.9	14.37	10.3	6.2		88	53	10.1
200	do.	do.	17.8	12.9	12.9	72.5	84.4	14.57	10.5	6.5		82	50.8	10
408	do.	do.	16.5	12	13	72.7	91.6	13.83	7.10.1	6.4		81.4	51.6	10.1
16376	N. M. M.	Arnhem Bay	18.4	13.4	13	72.8	81.8	14.93		6.6				10.7
218	S. A. M. A.	Borroloola	17.8	13.2	13	73	84.4	14.60		6.0			51.9	9.8
16360	N. M. M.	do.	17.8	13	13.2	73	85.7	14.67	10.2	6.4		79.7	50	10.2
16131	do.	do.	17.8	13.4	13.4	73	87	14.73	10	6.6		78.1	51.6	9.9
442	S. A. M. A.	Port Darwin	17.9	13.1	13	73.2	83.2	14.67		6.7			52.3	9.9
18508	N. M. M.	Melville Island	17.2	12.6	13.7	73.3	92	14.50		6.7			56.8	10.2
16366	do.	Pine Creek	17.1	12.6	13.1	73.7	88.5	14.27	2.9.5	5.9		77.2	48	9.6
65	do.	Gulf of Carpentaria	17.6	13	13.4	73.9	87.6	14.67	11.1.1	12.7		87.4	52.8	9.1
128	S. A. M. A.	do.	17.4	12.9	12.8	74.1	84.2	14.37	10.4	6.5		78.8	49.2	9.7
16124	N. M. M.	Melville Island	17	12.6	12.3	74.1	88.1	13.97		6.7			55.8	10.2
15	S. A. M. A.	do.	16.7	12.4	13	74.2	89	14.08	10.6	6.7		90.6	57.3	9.9
16382	N. M. M.	Near Southport	17.1	12.7	12.6	74.3	84.6	14.13	10.5	6.9				9.5
173	S. A. M. A.	do.	17.6	13.1	12.6	74.4	81.8	14.43		6.5			51.2	10.6
16364	N. M. M.	do.	17.2	12.8	13.5	74.4	90	14.50		6.3			49.2	9.9

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 53.

NORTHERN TERRITORY CRANIA—Continued
FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (labella ad max.)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Pacial Index, total $\left(\frac{b \times 100}{a}\right)$	Pacial Index, upper $\left(\frac{c}{b}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
70	S. A. M. A.	Port Darwin	Adult	16.9	12.6	12.2	74.6	82.4	13.90	10.10	6.9	12.1	82.6	57	10.4	9.7
169	do	do	do	17.7	13.2	12.1	74.6	78.6	14.33	11.0.4	6.4	11.7	80.3	52.3	10.8	10
16363	N. M. M.	do	do	16.3	12.2	13	74.8	81.6	13.83	9.4	6	11.7	88.2	54.3	9.8	9.6
16371	do	do	do	17.9	13.4	13.5	74.9	86.5	14.93	11.2	6.9	12.7	72.4	45.7	10.4	9.9
397	S. A. M. A.	Melville Island	do	16.9	12.7	12	75.2	81.1	13.87	9.2	5.8	12.7	90.6	58.1	9.7	9.2
13	do	Southport	Young, but all 3 molars erupted.	16.7	12.6	12.6	75.4	85.3	13.97	10.6	6.8	11.7	84.9	53.2	9.8	9.4
426	do	Melville Island	Adult	16.8	12.7	12.6	75.6	85.1	14.03	(32)	6	12	80.9	50	9.3	9.4
445	do	Burrund	do	17.2	13	13.4	75.6	88.7	14.53	10.7	6.8	11.9	80.9	57.1	10.7	10
12	do	Pine Creek	do	16.3	12.4	12.7	76.1	83.2	13.80	11.2	6.7	12.4	90.3	54	10.3	9.6
145	do	do	do	17.6	13.4	13	76.1	83.9	14.67	10	6.4	12.3	81.3	52	10.2	9.8
199	do	Anson Bay	do	16.8	12.8	13	76.2	87.8	14.20	9.2	5.5	12.9	71.3	42.6	9.7	9.4
192	do	do	do	17	13.2	13	77.6	86.1	14.40	10	6.2	12.5	80	49.6	10.1	9.7
16129	N. M. M.	Port Darwin	do	16.5	12.8	13	77.6	89	14.10	10.3	6	11.6	86.6	50.4	10	9.6
201	S. A. M. A.	Anson Bay	do	16.3	12.7	12.1	77.9	83.4	13.70	10.7	6.7	12.6	84.9	53.2	10.1	9.8
Totals	(69)	(77)	(77)	1,397.2	(68)	(77)	(69)	(77)	(77)	(53)	(74)	(72)	(60)	(70)	(68)	(77)
Averages	1,397.2	998.3	905	17.46	12.48	12.92	71.5	86.3	14.20	10.20	6.66	12.58	82.3	52.3	702.5	752.2
Minima	16.3	11.6	12	64.1	78.6	13.47	74.8	81.1	13.47	9.1	5.5	11.7	71.3	42.6	8.9	8.9
Maxima	18.8	13.4	13.8	77.9	92	14.97	85.3	92	14.97	11.4	7.2	13.3	92.6	58.1	11.1	10.6

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{1}{b \times 100}\right)$
197	S. A. M. A.	Anson Bay.	Adult.	9	68.5	54.5	3.3	3.2	3.65	87.7	184.6	2.5	54.4	5.9	6.3	106.8
227	do.	Melville Island.	do.	3.3	71	51	3.3	3	3.5	86.7	184.8	2.35	49	5.9	6.3	106.8
443	do.	Humbert River	do.	9	71.5	50	(4)	3.48	3.95	88.1	4.6	2.7	53.7			
380	Dr. Basedow's	Melville Island	do.	8.7							4.4	2.75	62.6			
16119	S. A. M. A.	Melville Island	do.	9	67	47.5	3	3.15	3.8	82.9	4.7	2.9	61.7			
11452	S. A. M. A.	Melville Island	do.	8.6	68.5	56	3.35	3.22	3.75	85.9	184.5	2.4	63.3	5.8	6.5	112.1
16109	N. M. M.	Melville Island	do.	9	68.5	43	3.4	3.38	3.82	85.6	4.8	2.95	61.5	5.9	6.8	115.2
180	N. M. M.	Anson Bay.	do.	9	65	43	2.9	3.4	3.95	87.6	4.7	2.6	55.9	6	6.4	106.7
190	S. A. M. A.	do.	do.	9	70	63.5	2.8	3.08	3.75	82.9	4.45	2.7	60.7	5.5	6.5	118.2
201	do.	do.	do.	9	62.5	44.5	3.3	3.35	3.5	85.7	4.5	2.45	54.4	6.1	6.2	101.6
144	do.	do.	do.	3.3	70	45		3.55	3.85	85.1	184.7	2.5	53.2	5.8	6.2	104.9
16378	N. M. M.	do.	do.	9.1	66	40.5		3.55	3.95	89.9	4.6	2.6	56.5	6.6	6.7	101.5
17052	do.	do.	do.	8.8							(4)					
177	S. A. M. A.	Borroloola	do.	9.2	71	50.5		3.15	3.75	84	184.65	2.2	47.9	5.9	6.8	115.2
217	do.	Anson Bay.	do.	9.1	64.5	41	2.9	3.6	3.98	82.6	4.45	2.55	57.9	6.1	6.3	103.3
16111	do.	Borroloola	do.	8.9	66	47		3.28	3.78	86.8	4.8	2.5	61	6	6.6	110
151	N. M. M.	do.	do.	9.2	68.5	42.5	3.1	3.32	3.72	89.2	4.8	2.5	62.1	5.8	6.4	110.3
189	S. A. M. A.	Anson Bay.	do.	9.1	65	44.5	2.95	3.15	3.7	85.1	184.35	2.7	62.1	6.2	6.6	106.4
16381	N. M. M.	do.	do.	8.8	66	53	2.95	3.3	3.58	92.9	4.25	2.7	66.2	6.2	6.9	111.3
68	S. A. M. A.	Port Darwin.	do.	9.6	68	48	2.95	3.2	3.78	84.6	4.8	2.2	51.8	5.9	6.3	106.3
469	do.	Arnhem Bay.	do.	3.6	63.5	43	2.9	3.22	3.78	86.2	4.6	2.6	56.9	6.4	6.7	104.7
198	do.	Anson Bay.	do.	8.9	71.5	48.5		3.05	4.05	80.3	184.55	2.85	53.8	0	6.2	103.5
									3.8	80.5		2.6	57.1	5.5	5.6	101.8

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 53.

NORTHERN TERRITORY CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
17088	N. M. M.	.....	Adult	8.8	69	51	2.8	3.35	3.52	95.2	14.6	2.65	57.6	6.2	106.9
17086	do.	.....	do.	8.8	69	51	3.1	3.25	3.9	85.3	4.7	2.5	63.2	6.4	108.2
16118	do.	.....	do.	9.8	65.5	55	3.4	3.4	3.75	90.7	4.75	2.75	67.9	6.2	108.8
147	S. A. M. A.	.....	do.	.....	.....	.....	.....	3.08	3.55	86.8	4.35	2.7	62.1	5.7	108.8
71	do.	Port Darwin	do.	9.2	65	48	.....	3.08	3.92	78.6	4.35	2.5	57.5	6.2	98.4
206	do.	Anson Bay	do.	9.2	70.5	51	.....	3.3	3.75	88	18.4	2.6	65.9	5.9	107.4
148	do.	.....	do.	.....	.....	.....	.....	3.1	3.62	85.6	4.3	2.5	68.1	6.3	106.8
A5115	A. M. S.	Melville Island	do.	8.6	68.5	46.5	.....	3.12	3.8	82.1	18.4	2.4	68.5	6.3	106.8
16375	N. M. M.	.....	do.	9.6	68.5	47	.....	20	3.8	81.6	4.6	2.4	68.5	6.3	101.7
15989	do.	.....	do.	8.8	.....	.....	.....	3.35	3.85	87	18.5	2.8	66	6.2	96.9
153	S. A. M. A.	Hasan River	do.	8.8	70	51	3.1	3.35	3.85	87	18.5	2.8	66	6.5	107.1	
379	do.	Melville Island	do.	9	77	63	2.6	3.15	3.7	85.1	4.6	2.8	67	6.5	108.3	
179	do.	Anson Bay	do.	8.2	68	.....	3.4	3.4	3.62	93.9	4.35	2.4	55.2	6.1	119.6
76	do.	.....	Adolescent	8.7	69.5	53	.....	3.18	3.58	88.8	4.55	2.5	66	6.6	125.9
• 11448	do.	Melville Island	Adult	8.6	65	49	3.45	3.98	3.8	88.9	4.9	2.5	57.1	6.2	109.7	
228	do.	.....	do.	8.8	64.5	51	3.15	3.72	86.5	4.5	2.4	59.5	5.3	105.7	
16130	N. M. M.	Port Darwin	do.	8.6	73	52.5	2.75	3.18	3.72	85.5	18.4	2.55	69	6.3	123.5	
146	S. A. M. A.	.....	do.	8.6	.....	.....	.....	3.25	3.65	89.6	18.4	2.55	61.6	6.3	123.5
212	do.	Borrooloola	do.	8.8	.....	.....	.....	3.45	3.85	89.6	18.4	2.4	51.1	6.3	103.3
16128	N. M. M.	.....	do.	9	64	48	.....	3.4	3.78	90	18.4	2.6	60.5	6.5	106.6
73	S. A. M. A.	Near Southport	do.	8.8	67	41	.....	3.2	3.85	83.1	18.4	2.5	53.8	6.1	108.8
16107	N. M. M.	.....	do.	8.8	68.5	49	2.8	3.35	3.6	93	18.4	2.4	50	6.2	108.8
16365	do.	.....	do.	9.1	65	54	3.2	3.15	3.5	90	18.4	2.5	55.6	6.3	105
16118	do.	.....	do.	9.2	60.5	44.5	3	2.85	3.6	79.2	18.4	2.65	67.1	6	108.3
187	S. A. M. A.	Anson Bay	do.	9	72	50.5	2.9	3.42	3.72	91.9	18.4	2.65	67.1	6.6	108.3	
200	do.	do.	do.	8.8	69.5	46.5	3.15	3.5	3.8	92.1	18.4	2.6	56.7	5.8	113.8	
408	do.	Arnhem Bay	do.	8.8	68	47	3	3.55	3.9	91.1	18.4	2.55	57.3	6.2	106.9	
16376	N. M. M.	.....	do.	9.3	68.5	40	.....	3.18	3.8	85.7	5	2.6	52.3	6.2	103.2
215	S. A. M. A.	Borrooloola	do.	8.5	67	49	.....	3.38	3.78	89.4	4.6	2.4	62.2	6.3	108.6
16360	N. M. M.	.....	do.	9.1	69	47.5	3.2	3.38	3.7	89.4	4.8	2.9	60.4	6.3	108.6
16131	do.	Port Darwin	do.	9.1	62	43	2.95	3.48	3.9	87.2	18.5	2.75	63.9	6.6	103.3	
442	S. A. M. A.	Melville Island	do.	8.8	.....	.....	.....	3.2	3.95	81	4.8	2.75	57.3	6.6	110

18508	N. M. M.	Pine Creek	8.8	65.5	41	-----	3.3	85.7	4.7	2.65	56.4	5.7	6.5	114
16366	do.	do.	8.7	65.5	46	2.8	3.25	85.6	4.3	2.6	60.5	5.4	5.8	107.4
65	S. A. M. A.	Gulf of Carpentaria	8.4	70	47.5	-----	3.5	4.61	4.8	2.55	53.1	6.2	6.4	103.2
128	do.	Melville Island	9.4	68.5	50	-----	3.32	3.68	18 4.7	2.6	53.1	5.6	6.2	110.7
/ 16124	N. M. M.	do.	8.8	68.5	46	-----	3.25	3.68	18 4.7	2.25	47.9	5.6	6.1	108.9
15	S. A. M. A.	Near Southport	8.1	67	40.5	-----	3.4	3.95	4.65	2.4	51.6	6.1	6.7	101.7
16382	N. M. M.	do.	9.3	65	51.5	3	3.38	3.81	1 4.6	2.7	58.7	5.9	6	109.8
173	S. A. M. A.	do.	8.8	69	59	-----	3.3	3.68	18 4.4	2.2	60	5.5	6	109.1
16364	N. M. M.	do.	8.8	73	46	-----	3.45	3.95	4.9	2.9	59.2	5.7	6.5	114
169	S. A. M. A.	Port Darwin	8.9	64.5	47	-----	3.4	3.75	4.8	2.8	58.3	5.8	5.8	100
16363	do.	do.	8.9	65.5	30	3.3	3.2	3.55	4.25	2.7	63.5	6	6.1	101.7
16371	N. M. M.	do.	8.8	70	52	2.75	3.22	3.7	4.55	2.35	54	5.5	6.4	110.9
397	do.	do.	9	66.5	45.5	3.25	3.58	3.85	4.95	2.55	51.5	5.4	6.4	106.7
16371	S. A. M. A.	Melville Island	9	68	61.5	2.7	3.1	3.7	4.1	2.45	59.8	5.4	6.2	114.8
13	do.	Southport	8.5	66	49.5	-----	3.45	3.8	4.7	2.3	48.9	5.8	6.4	110.3
		but all 3												
		molars												
426	do.	erupted.												
do.	do.	Adult	8.4	72	51	2.75	3.32	3.75	4.55	2.55	56	5.3	6.3	118.9
12	do.	Melville Island	9.3	65.5	48.5	3.2	3.5	3.7	4.6	2.75	59.8	5.9	6.2	106.1
145	do.	Burrundi	8.8	65	46	-----	3.1	3.98	4.5	2.55	56.7	6	6.2	103.9
199	do.	Pine Creek	9	68	44.5	-----	3.2	3.55	4.8	2.4	60	5.5	6	109.1
192	do.	do.	8.6	70.5	40.5	2.9	2.98	3.72	4.25	2.75	61.7	5.7	6.5	115.8
16129	do.	Anson Bay	8.9	68.5	49.5	2.95	3.1	3.6	4.55	2.55	58.6	5.8	6.5	112.1
204	N. M. M.	do.	8.9	69	50	2.9	3.08	3.62	4.25	2.6	61.2	5.5	5.8	103.4
	S. A. M. A.	Port Darwin	8.8	68	48	3.25	3.38	3.8	18 4.75	2.45	51.6	5.7	5.6	98.2
		Anson Bay												
Totals			(77)	(66)	(63)	(41)	(76)	(78)	(79)	(76)	(70)	(80)	(70)	(80)
Averages			87.7	67.6	48	124.55	255.92	233.18	349.35	135.75	402.8	441.5	441.5	441.5
Minima			8.89	67.6	39	3.04	3.28	3.76	4.6	2.68	56.1	5.84	6.31	108
Maxima			9.8	77	63.5	3.45	3.6	4.05	5.1	2.95	67.1	6.6	6.9	125.9

* Tall female.

† Looks somewhat "boyish," but probably female.

‡ Somewhat male-like, but female.

§ Most probably female.

• Pelvis surely female.

NOTE.—For footnotes to reference figures see p. 3.

* Not fully developed.

† Moderate intranasal shelves.

‡ Teeth not shovel-shaped.

VICTORIA CRANIA
FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	$\frac{\text{Facial Index, total}}{c} \left(\frac{A \times 100}{c} \right)$	$\frac{\text{Facial Index, upper}}{c} \left(\frac{B \times 100}{c} \right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
• 13316	N. M. M.	Loddon	Adult	19.2	12.4	12.9	65.5	82.2	14.71	-----	7.1	12.7	-----	55.9	10.7	10.1
• 18505A	do	Kooga	do	19.2	12.6	13	65.6	81.8	14.83	-----	6.5	13	-----	60	11.3	10.1
14320	do	Yalca	do	18.2	12.2	12.5	67	82.2	14.30	19 11.9	7.5	12.7	93.7	69.1	9.9	9.7
39	A. L. M.	-----	Near adult	18.1	12.2	12.3	67.8	81.5	14.47	9 10.1	6	11.7	86.3	51.3	9.2	9.1
69	do	-----	Adult	18	12.2	13.2	67.8	87.4	14.47	-----	6.2	12.6	81	51.7	10.1	9.7
18332A	N. M. M.	Lake Boga	do	18.3	12.2	13.4	67.8	88.7	14.53	7 10.2	6.5	12.6	88.1	51.6	10.5	10.5
13301	do	Lower Murray River	do	18.3	12.4	13.7	67.8	89	14.80	7 11.1	6.3	12.6	-----	50	9.9	9.5
95	A. L. M.	-----	do	18.4	12.8	12.6	68.4	79.8	14.70	-----	7	12.8	-----	54.7	10.2	10.1
18499	N. M. M.	Koonbrook	do	18.4	12.6	12.9	68.5	83.2	14.63	2 10.8	6.8	12.5	86.4	54.4	10.1	10.4
15954	do	Warrnambool	do	18.4	12.6	12.8	68.5	83.2	14.60	-----	6.9	11.9	-----	49.9	9.5	9.3
84	A. L. M.	-----	do	18	12.4	13.2	68.9	86.8	14.63	-----	7.1	11.9	-----	50.7	10.4	9.9
16997	N. M. M.	-----	do	18	12.4	12.9	68.9	84.9	14.43	19 10.2	6.3	12.2	78.7	51.6	10.7	10.2
12745	N. M. M.	Modewarre	do	18.4	12.7	12.8	69	82	14.63	10 10.2	7	12.2	83.6	57.4	10	9.7
13312	do	Wimmera	do	18.4	12.7	13.2	69	84.6	14.77	-----	6.4	12.6	-----	50.8	10.5	9.8
28862	do	Gunbower Island	do	18.2	12.6	12.5	69.2	81.2	14.43	-----	6.7	12.9	-----	51.9	10.3	9.8
12963	do	Hamilton	do	17.6	12.2	12.2	69.1	81.9	14	7 10.2	6.2	11.8	86.4	52.5	10.3	9.8
13018A	do	Near Koonbrook	do	18.6	12.9	13.2	69.5	83.5	14.90	10 10.1	6.8	12.6	-----	54	10.6	9.9
• 72	A. L. M.	-----	do	18.7	13	13.5	69.5	84.2	15	9 11.3	6.9	11.8	95.8	58.5	10	10.2
A10798	A. M. S.	-----	do	18.2	12.7	13.3	69.8	83.1	14.57	-----	6.4	12.8	-----	50	10.6	9.9
96	A. L. M.	-----	do	18	12.6	12.4	70	81	14.33	-----	6.7	-----	-----	-----	10.1	10
13308	N. M. M.	Wimmera	do	18	12.6	13	70.3	85	14.53	2 10.4	6.8	13.5	79.4	51.9	10.5	10.1
• 40	A. L. M.	-----	do	18.5	13	12.9	70.3	81.6	14.80	-----	6.7	12.8	-----	52.3	10.3	9.8
• 18498	N. M. M.	-----	do	18.7	13.2	13.8	70.6	86.2	15.23	4 9.8	5.8	12.8	76.6	45.3	10.3	9.7
S1390	A. M. S.	Koonbrook	do	18.1	12.8	11.3	70.7	73.4	14.07	-----	5.8	-----	-----	-----	10.3	9.2
12858A	N. M. M.	Near Kerang	do	18.1	12.8	12.8	70.7	83.1	14.57	2 10	6.5	12.5	79.4	51.6	10.5	10

13	A. L. M.	do	18	12.8	12.4	71.1	80.5	14.40	6.7	12.9	51.9	10.3	9.9
15109	N. M. M.	do	18	12.8	13.4	71.1	84.4	14.60	10 10.3	12.5	53.6	10.3	10.3
• 13311	do	do	18	13.4	13.2	72	83.8	15.13	4 10.9	12.9	52.7	9.9	9.9
54	A. L. M.	do	18	13	13.2	72.2	85.2	14.73		13.3		10	10
13011A	N. M. M.	do	17.6	12.7	12.0	72.2	84.9	14.40	9 9.8	12.6	49.6	10.6	9.9
57	A. L. M.	do	18	13	12.7	72.2	81.9	14.57	6.1	12.3	56.4	10.4	10.1
13020	N. M. M.	do	17.6	12.7	12.9	72.2	84.9	14.40	7 10	12.5	47.2	9.4	9.6
A10800	A. M. S.	Elderly adult.	18.4	13.3	12.7	72.5	80.4	14.80		12.6			9.5
13299	N. M. M.	do	18.4	13.3	12.2	72.5	77.2	14.63	10 9.6	12.9	49.6	9.8	9.5
16217	do	Adult.	17.9	13	13.4	72.6	87	14.77	6.5	12.9	50.4	9.8	10
13016A	do	do	18.3	13.3	12.2	72.7	77.2	14.60	2 9.9	12.8	47.7	9.6	8.9
37	A. L. M.	do	17.3	12.6	11.8	72.8	78.7	13.90	6.4	12.3		9.4	9.6
• 12928	N. M. M.	do	18.6	13.6	13	73.1	80.8	15.07	10 10.9	13.4	53	10.8	10.4
41	N. M. M.	do	17.2	12.6	13.6	73.3	77.8	13.80	6.5	12.2	53.9	9.2	9.3
73	A. L. M.	do	17.2	12.7	13	73.8	86.7	14.33	9 10.6	11.5	56.5	9.0	9.8
47	do	do	17.6	13	12.4	73.9	81	14.30	6.1	12.1	50.4	9.5	9.4
• 17749	N. M. M.	do	18.4	13.6	13.2	73.9	82.5	15.07	6.8	12.6		10.8	10.7
12	A. L. M.	do	18.1	13.4	12.7	74	80.4	14.73	6.9	12.6	54.8	9.9	9.9
10	do	do	18	13.4	14	74.4	89.2	15.13	7	13	54.7	9.9	10.2
• 19	do	do	18.8	14	12.2	74.5	74.4	15	0 6.6	13	50.8	10.3	9.7
4 16210A	N. M. M.	do	18.4	13.7	13.2	74.5	82.5	15.10	2 11.7	13.4	56.7	10.6	10.3
12310	do	do	17.6	13.2	11.8	75	76.6	14.20	2 9.9	12.3	54.5	9.8	9.2
• 13302	do	do	17.8	13.4	13.6	75.3	87.2	14.93	9 11.1	13.6	48.5	10.1	10.2
15	A. L. M.	do	17.2	13.2	13	76.7	85.5	14.47	6.2	12.7	48.8	9.7	9.5
Totals			(49) 888.7	(50) 630.5	(49) 628.1	(49) 771	(49) 83.7	(49) 14.61	(49) 303.4	(51) 553.8	(49) 466.4	(49) 482.4	9.84
Averages			18.14	12.87	12.82	72.7	83.7	14.61	7.6	12.59	52.5	10.14	9.8
Minima			17.2	12.2	11.3	65.3	73.4	13.80	3.8	11.5	43.3	9.2	8.9
Maxima			19.2	14	14	76.7	85.2	15.23	7.6	13.6	59.7	11.3	10.7

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 57.

VICTORIA CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion Subnasal Pt.	Racial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
• 13316	N. M. M.	Loddon	Adult	9	65.5	46	---	3.25	19	88.8	4.6	2.8	60.9	6.4	6.4	100
• 18505A	do	Koonga	do	9.6	62.5	42.5	---	3.15	3.9	80.8	18 4.2	2.9	59	6	6.4	110
14390	do	Yalca	do	8.4	66.5	51	3.95	3.45	3.85	89.6	18 4.8	2.9	62.1	6	6.7	121.8
30	A. L. M.	do	Near adult	8.3	70	56.5	3	3.22	3.65	88.2	4.2	2.5	60.7	5.5	6.6	119.5
69	do	do	Adult	8.8	68.5	45	---	3.22	3.75	89.9	18 4.45	2.7	59.5	5.6	6.4	104.9
18332A	N. M. M.	Lake Boga	do	9.4	72	53.5	3	3.4	3.5	90.7	18 4.55	2.6	60.7	6.1	6.3	110.5
13301	do	Lower Murray River	do	8.8	68	54	3.35	3.18	3.5	90.8	• 4.25	2.6	52	5.7	6.5	106.6
85	A. L. M.	do	do	9	69.5	52.5	---	3.42	3.75	91.2	4.9	2.4	52	6.1	6.1	106.6
18499	N. M. M.	Koondrook	do	9	73	51.5	3.2	3.4	3.6	94.4	18 5	2.4	48	5.6	6.5	108.9
15954	do	Warrnamboul	do	8.4	70	50	---	3	3.45	87	4.15	2.4	57.8	6.2	6.3	101.6
84	A. L. M.	do	do	9	66	50.5	---	3.55	3.75	94.7	4.7	2.6	56.4	6.1	6.5	106.6
16997	N. M. M.	do	do	9.6	68	54	3	3.25	3.8	85.5	4.25	2.6	61.2	6.1	6.5	107.1
12745	do	Modewarre	do	8.7	67	53.5	---	3.55	3.85	92.2	18 4.5	2.3	51.1	5.6	6	115
13312	do	Wimmera	do	9.2	67	48	3.2	3.35	3.9	85.9	4.4	2.7	61.4	6	6.3	108.6
28862	do	Gunbower Island	do	9.2	66.5	54	---	3.22	3.9	80.5	4.6	2.45	53.3	5.8	6.9	110.8
12963	do	do	do	9.1	68	51.5	3.2	3.2	3.65	87.7	4.15	2.75	66.3	5.8	6.4	101.9
13018A	do	do	do	9.1	68	51.5	3.2	3	3.7	81.7	4.3	2.45	57	6.1	6.2	101.9
• 72	A. L. M.	Near Koondrook	do	9	65	53	3.5	3	4	86.6	18 4.5	2.7	54	6.1	6.7	109.8
A10798	A. L. M.	do	do	9.9	71.5	55	---	3.42	4	86.6	18 4.45	2.55	57.3	5.9	6.4	108.5
96	A. M. S.	do	do	9.2	66	45.5	---	3.7	4.05	91.4	4.85	2.5	51.6	6	6.1	101.7
13308	A. L. M.	Wimmera	do	8.8	70	47.5	3.3	3.28	3.68	89.1	4.5	2.5	56.6	6.2	6.2	101.6
• 40	N. M. M.	do	do	8.8	67.5	47.5	3.3	3.5	3.95	88.6	4.8	2.5	54.2	7	7	116.7
• 18498	A. L. M.	Koondrook	do	8.7	67.5	42.5	2.95	2.95	19	86.1	18 4.8	2.7	65.1	5.9	6.6	111.9
S1390	N. M. M.	do	do	9	67.5	42.5	2.9	3.35	3.65	90.8	18 4.15	2.35	51.7	5.6	6.4	114.5
12858A	N. M. M.	Near Kerang	do	8.6	67.5	42	2.8	3.25	4	81.2	4.7	2.8	59.6	6.2	6.7	108.1

13	A. L. M.	do.	9.1	67.5	82	3.4	3.22	3.85	83.6	4.6	2.65	67.6	6	6.9	115
15109	N. M. M.	Near Chatsworth	8.8	72	44.5	3	3.15	3.7	93.2	4.9	2.68	51.4	5.7	6.3	110.5
• 13311	do.	Bream Creek	9.2	70	66	3	3.32	3.72	89.2	4.6	2.6	66.6	5.6	6.5	116.1
54	A. L. M.	do.	9.2	66.5	41.5	2.8	3.35	4	83.8	4.4	2.7	69	5.8	6.2	106.9
13011A	N. M. M.	Near Koondrook	9.3	66.5	41.5	2.8	3.2	3.75	85.4	4.5	2.7	68.1	3.9	6.6	111.9
57	A. L. M.	do.	9	67.5	51.5	3.2	3.2	3.8	84.2	4.5	2.3	51.1	5.4	6.1	113
13020	N. M. M.	Near Koondrook	8.4	74	46.5	2.95	3.42	3.75	91.2	4.5	2.3	51.1	5.4	6.1	113
A10800	A. M. S.	Elderly	8.4				3.7	3.55	95.9	13.47	2.55	54.2			
13299	N. M. M.	Loddon	8.8	68.5	50	2.9	3.5	3.8	92.1	4.8	2.7	65.2	5.8	6.3	108.6
16217	do.	Near Ararat	8.8	72.5	56		3.55	3.9	91	4.55	2.55	66	5.6	6.8	121.4
13016A	do.	Near Koondrook	8.2	64.5	43	2.9	2.9	3.8	76.3	4.2	2.7	61.3	5.5	6	109.1
37	A. L. M.	do.	8.4	72	52.5		3.3	3.5	94.3	14.65	2.5	63.8	5.3	6.1	115.1
• 12928	N. M. M.	Frankston	3.4	67.5	51	3.3	3.25	3.75	86.7	13.4.65	2.65	67.5	6.1	6.7	109.8
41	A. L. M.	do.	8.2	70	49	3.2	3.4	3.8	89.5	13.4.95	2.6	62.5	5.1	6	117.6
73	do.	do.	8.6	70	46.5	3.2	3.3	3.58	92.2	13.4.7	2.55	64.2	5.9	6.4	108.5
47	do.	do.	8.4	70.5	50.5		3.45	3.75	92	13.4.35	2.35	54	5.2	5.9	113.5
• 17749	N. M. M.	San Remo	9.6	71	54.5		19	3.9	89.7	7.4.8	2.5	52.1	5.8	6.4	110.3
12	A. L. M.	do.	8.8	69.5	54.5		3.42	3.78	90.5	7.4.8	2.5	52.1	5.8	6.4	110.3
do.	do.	do.	8.8	72	54		3.45	3.7	93.2	5.05	2.65	62.5	5.5	6.1	110.9
• 19	do.	do.	9.4	66	52.5		3.18	3.65	87.1	13.5.05	2.65	62.5	5.9	6.5	110.2
• 16210A	N. M. M.	do.	9.2	67	49.5	3.15	3.75	3.9	96.2	13.5.3	2.55	58.1	6.2	6.2	100
12810	do.	Near Donald	8.4	64.5	47.5	2.9	3.52	3.82	92.1	13.4.5	2.6	57.8	5.7	6.2	108.8
• 13302	do.	Rudy Creek	9.3	72	58	3.1	3.22	3.7	87	4.95	2.85	67.6	5.8	7	120.7
15	A. L. M.	do.	8.6	69.5	55		3.4	3.55	95.8	13.1	2.25	65.2	5.3	5.8	109.4
Totals			(40) 436.5	(43)	(45)	(25) 25	(49)	(49)	(49)	(49)	(43)	(43)	(44)	(44)	(44)
Averages			8.91	68.5	50	78.25	103.61	134.73	88.6	220.35	124.05	265.5	281	6.89	110
Minima			8.2	62.5	40	3.15	3.34	3.77	83.6	4.69	2.68	56.2	5.1	5.8	100
Maxima			9.6	74	66	3.95	3.75	4.05	96.2	5.3	2.9	69	6.4	7	121.8

(1) Surely female.
 (2) Full-blood; surely female.
 (3) Complete metopic suture.
 (4) Somewhat made-like, but malars, zygomae, mastoids, lower-jaw and parts of skeleton indeterminate female.
 (5) Moderate intranasal shelves.
 / Asymmetrical

NOTE.—For footnotes to reference figures see p. 3.

NEW SOUTH WALES CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
37	A. L. M.	.....	Adult.....	18.7	12	13.7	69.7	91.8	14.57	.....	6	12.4	.....	47.6	10.1	9.5
12614	N. M. M.	Pooncarie.....	do.....	18.7	12.5	12.9	66.8	82.7	14.70	.....	6.3	12.4	.....	50.8	10.5	10.3
67	A. L. M.	.....	do.....	18.9	12.8	12.4	67.7	78.5	14.70	.....	7.3	13.1	.....	65.7	11.1	10.1
621	A. L. S.	Fort Jackson.....	do.....	18.2	12.4	13	68.1	85	14.53	.....	6.4	12.5	.....	51.2	10.2	10.2
8055	A. L. S.	.....	do.....	17.7	12.1	12.3	68.6	82.6	14.03	.....	6.6	12.5	.....	51.2	10.6	10
1	A. L. M.	.....	do.....	18.5	12.7	12.2	68.6	78.2	14.47	.....	6.4	12.5	.....	51.2	10.2	7.7
S1613	A. L. M.	Newcastle.....	do.....	18.2	12.5	13.1	68.7	85.1	14.60	.....	8.5	12.2	.....	47.5	9.4	9.6
S965	A. M. S.	Darling River.....	do.....	18.6	12.8	12.9	68.8	82.2	14.71	.....	(9)	12.7	.....	65.7	9.8	8.1
A1175	do	Cobar.....	do.....	18	12.4	13.2	68.8	86.8	14.53	10.5	6.8	12.2	86.1	65.7	9.8	9.6
210	S. A. M. A.	Albemarle, Menindie.....	do.....	18.5	13	12.2	70.3	81	14.27	.....	7.1	13	82.8	50	10.2	10.2
13	A. L. M.	.....	do.....	18.2	12.8	13.4	70.3	86.4	14.80	7 10.7	6.4	12.3	.....	52	10.2	10.3
800	A. L. S.	Newcastle.....	do.....	17.6	12.4	12.6	70.4	84	14.20	.....	6.5	12.7	.....	46.5	9.9	9.6
S1615	A. M. S.	.....	do.....	18	12.7	13.1	70.6	85.1	14.60	.....	5.9	12.7	.....	46.5	10	10
38	A. L. M.	.....	do.....	18	12.8	12.6	71.1	81.8	14.63	.....	7	12.7	.....	55.1	10.8	10.1
1179	A. L. M.	Mudgee.....	do.....	18	13	12.6	71.1	81.8	14.60	11	5.6	12.7	86.6	48.3	9.4	9.8
12724	N. M. M.	.....	do.....	18.2	13	12.6	71.4	80.8	14.83	10.4	(9)	13.4	77.6	52.3	10.1	9.3
• 16995	A. M. S.	Cowra.....	do.....	18.2	13.6	12.8	71.6	87.2	15.13	.....	6.8	13.6	87.3	54.3	10.6	9.6
A47	N. M. M.	Denitquin.....	do.....	19	12.9	12.1	71.7	78.5	14.33	7 11	6.9	12.5	86.6	62.2	10.3	9.6
431	S. A. M. A.	Moorna.....	do.....	18	12.9	13.1	71.7	85.1	14.57	10.7	5.8	12.2	77.9	47.5	9.4	9.3
28	A. L. M.	Wellington Caves.....	do.....	17.2	12.4	12.4	72.1	83.8	14	4 9.5	5.8	12.2	77.9	48.9	9.9	9.8
A11961	A. M. S.	.....	do.....	18.6	13.5	13.6	72.6	85	15.23	.....	6.7	12.6	.....	53.2	10	10
618	A. L. S.	Near Sydney.....	do.....	18.6	13.5	12.4	72.6	77.5	14.83	.....	6.7	12.6	.....	53.2	10.3	10
11963	A. M. S.	Yass district.....	do.....	17.9	13.2	13.2	72.6	85.7	14.70	10.8	9.7	11.6	93.1	57.8	10	10

S1614	do	17.6	13	72.7	85.5	14.47	6	12.3	43.8	9.8
♂ 1185	do	18.4	13.6	72.8	85.5	15.13	6.2	13.1	47.8	10.2
1196	do	18	12.8	72.8	85.5	14.63	♂ 13.6, 3	12.6	47.8	9.8
♂ 36	do	17.8	13	73	84.4	14.60	6.5	13.8	47.1	10.2
f A11776	A. L. M.	17.8	13.6	73	84.4	14.80	♂ 9.8	11.1	83.3	9.8
	Just adult	18.2	13.2	73.1	84.1	14.90	6.4	13.1	48.8	9.8
B7065	A. L. M.	18.2	13.1	73.5	84	14.77	19.6, 5	12.5	79.2	9.9
S1616	A. M. S.	17.7	13	73.4	83.8	14.53	6	11.9	50.4	9.4
♂ 39	do	17.7	12.9	74	81.8	14.47	♂ 12.8	10.7	53.1	9.9
40	do	17	12.5	74.1	86.5	14.13	♂ 21.6, 5	12.1	53.7	9.5
1197	A. M. S.	17.7	13.2	74.6	87	14.77	♂ 19.6, 1	13	46.9	10.2
24	A. L. M.	18	13.5	75	85.4	15	♂ 13.6, 1	12.7	83.5	9.5
1311	A. L. S.	17.3	13.1	75.1	86.2	14.47	♂ 10.6	12.1	56.2	10.5
S1157	A. M. S.	18.3	13	75.5	87.2	14.27	♂ 11.1	91.7	47.6	9.8
1201	do	18.3	13.4	77	82.7	15.27	♂ 9.7	77	47	9.3
A11902	do	17.4	13	77	84.4	14.60	♂ 10.6, 2	♂ 13.2	81.2	9.4
1173	do	17.8	13	78.6	81.8	14.93	6.3	12.2	51.6	9.4
S1398	do	17	13.4	78.8	81.8	14.93	6.2	♂ 12.4	50	9.6
S1612	do	17	13.5	72.4	89.5	14.70	♂ 10.4	12.8	48.4	9.6
	do	17	13.5	72.4	89.5	14.70	♂ 9.8	12.8	76.6	9.7
Totals		(41) 790.5	(43) 558	(44) 72	(45) 83.9	(46) 187	(47) 256.4	(48) 515.3	(49) 382	(50) 419.2
Averages		17.96	12.96	72.98	83.9	14.64	6.41	12.57	51	10.05
Minima		17	12	66.7	77.5	14	5.6	11.1	46.5	8.8
Maxima		19	14.1	79.4	91.3	15.27	7.3	13.8	57.8	10.3

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 61.

NEW SOUTH WALES CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial angle	Alv. angle	Lower jaw, Height of symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
37	A. L. M.	.....	Adult	8	67	44	.....	3.55	3.85	92.8	4.3	2.5	58.1	5.8	9	108.4
1264	N. M. M.	Poonarie	do	8	70.5	45.5	.....	3.62	3.82	94.8	4.8	2.6	54.2	5.8	9	106.6
57	A. L. M.	.....	do	9.4	63	45	.....	3.2	3.7	85.6	4.8	3	62.5	6.3	6.6	106.7
621	A. L. S.	Fort Jackson	do	9.2	72	51.5	.....	3.18	3.8	83.7	4.8	2.55	53.1	6	6.4	106.7
8055	A. M. S.	.....	do	9.4	66.5	59.5	.....	3.65	3.72	82	4.8.5	2.4	68.6	6	6.6	110
1	A. L. M.	.....	do	9.2	67	57	.....	3	3.7	81.1	18	2.4	53.8	6.2	6.5	104.8
S1613	A. M. S.	Newcastle	do	8.4	69	50	.....	3	3.5	85.7	4.2	2.3	64.8	5.3	6.6	124.5
S965	do	Darling River	do	8.6	.....	.....	.....	3.45	3.75	92	4.2	2.85	58.8	5.3	6.6	124.5
All1775	do	Cobar	do	8.8	70	58.5	3.3	3.2	3.85	83.1	4.6	2.6	56.5	5.8	6.6	118.8
210	S. A. M. A.	Albemarle, Menindie	do	8.8	62.5	43.5	.....	2.9	3.7	78.4	4.55	2.8	61.5	6.3	6.3	105
13	A. L. M.	.....	do	9.2	68	48.5	.....	3.25	3.75	86.7	5.05	2.7	53.6	6.1	6.5	108.6
890	A. L. S.	.....	do	9.4	72.5	58	2.9	3.2	3.85	83.1	4.85	2.6	53.6	5.7	6.5	114
S1615	A. M. S.	Newcastle	do	9	68	49.5	.....	2.95	3.5	84.3	4.55	2.55	66	5.9	6.1	103.4
1179	A. L. M.	.....	do	9.2	.....	.....	.....	3.32	3.75	88.6	.....	.....	.....	5.9	6.7	113.6
18497	A. M. S.	Mudgee	do	9.2	73	53	.....	3.1	3.55	87.5	4.5	2.8	62.2	5.5	6.7	121.8
12724	N. M. M.	.....	do	9.6	65.5	52	3.35	3.05	3.7	82.4	18	4.95	58.6	6.2	6.6	106.4
447	do	Cowra	do	8.4	69.5	49.5	.....	3	3.8	79	18	4.05	66.8	5.4	6	111.1
16995	A. M. S.	Denliquin	do	8.8	63.5	46	3.4	3.4	3.9	87.2	4.7	2.5	53.2	.....	.....	.....
481	N. M. M.	.....	do	8.6	63.5	46	.....	3.1	3.75	82.7	18	4.6	53.7	5.9	7	118.6
283	S. A. M. A.	Moorna	do	8.9	62.5	44	3.4	3.52	3.85	91.4	18	4.65	59.1	6.4	6.9	107.8
All1961	A. L. M.	Wellington Caves	do	8.9	64.5	49	3.45	3.22	3.55	90.7	4.6	2.55	55.4	6.2	6.1	98.4
95	A. M. S.	.....	do	8.2	71	48.5	2.75	3.12	3.7	87.3	4	2.4	60	5.3	6.2	117
618	A. L. M.	Near Sydney	do	9	70	55.5	.....	3.32	3.98	87.4	4.75	2.5	52.6	5.8	6.3	108.6
11963	A. L. S.	Yass District	do	9	68.5	44	.....	3.38	3.8	88.9	4.85	2.55	51.2	6.3	6.4	101.6
	A. M. S.	.....	do	8.8	70.5	52.5	3.3	3.18	3.7	86.9	4.6	2.6	56.5	5.8	6.7	116.6

				72					3.2	3.65	87.7	18 4.2	2.3	54.8	5.7	5.7	6.2	108.5
S1614	do	Newcastle	do	8.9	68	32	3.38	3.68	91.0	18 4.5	2.5	54.8	5.7	5.7	6.2	108.5		
1185	do	Kiama	do	8.6	68	32	3.32	4.1	86.8	18 4.2	2.7	55.6	5.7	5.7	5.9	103.8		
1196	do	do	do	9	65	49	3.3	3.58	86.7	18 4.6	3	64.3	5	5	6.1	122		
836	do	do	do	8.8	75	61.5	3.12	3.5	89.1	18 4.7	2.6	55.3	5.7	5.7	6.5	114		
A11776	A. L. M.	do	Just adult	9.2	69	53	3.15	3.72	84.7	18 4.45	2.65	59.5	6.3	6.3	6.3	100		
B7065	A. L. M.	do	Adult	9.2	66.5	43.5	3.2	3.7	90.5	4.3	2.65	66.7	6.3	6.3	6.4	110.8		
S1616	A. L. M.	do	do	8.8	67	45.5	3.2	3.7	79.7	4.3	2.65	61.6	5.8	5.8	6.4	111.8		
39	S. A. M. A.	do	Newcastle	9.2	64.5	46.5	3.2	3.7	86.5	4.55	2.7	59.4	6.2	6.2	6.9	111.8		
40	do	do	do	8.6	69	54	3.75	3.9	96.2	4.65	2.8	60.2	5.5	5.5	6.4	114.8		
1197	A. M. S.	do	do	9.2	do	do	3.35	3.58	93.6	4.25	2.5	58.8	5.5	5.5	6.4	110.8		
24	A. L. M.	do	do	8.6	do	do	3.1	3.75	82.7	m 4.15	2.8	67.5	5.6	5.6	6.4	114.9		
1311	A. L. S.	do	do	8.6	70	51.5	3.45	3.75	92.7	5	2.45	49.6	5.9	5.9	6.2	106.1		
S1157	A. M. S.	do	Near adult	8.6	72	44	3.6	3.8	94.7	4.5	2.5	56.6	5.9	5.9	6.4	106.6		
1201	do	Jervis Bay	Adult	8.5	71.5	51.5	3.45	3.8	90.8	18 4.9	2.6	52.5	5.5	5.5	6.4	116.4		
A11962	do	do	do	7.6	75	46.5	2.6	3.52	88.1	18 4.7	2.55	54.2	5.4	5.4	5.9	109.8		
1173	do	Yass District	do	8.6	73	62.5	3.1	3.5	82.9	18 4.05	2.35	58	5.2	5.2	5.9	113.5		
S1398	do	Cockle Creek	do	8.6	70.5	52	3.2	3.6	81.8	4.45	2.75	61.8	6.1	6.1	6.6	108.2		
S1612	do	Newcastle	do	8.6	70.5	52	3.2	3.55	90.2	4.5	2.65	60.9	5.6	5.6	6.3	112.5		
Totals	do	do	do	(42) 9	(56)	(60)	(64)	(44)	(44)	(43)	(43)	(43)	(40)	(43)	(40)	(40)		
Averages	do	do	do	372.9	69	49.65	143.35	164.3	164.3	194.78	112.75	232.6	256.2	57.8	256.2	6.4	110	
Minima	do	do	do	8.88	69	50	3.26	3.73	87.4	4.68	2.02	57.8	5.82	5.82	6.4	98.4		
Maxima	do	do	do	7.6	62.5	32	2.9	3.3	78.4	3.5	2.3	49	5	5	5.9	98.4		
	do	do	do	9.6	75	62.5	3.75	4.1	96.2	5.05	3.2	68.6	6.4	6.4	7	124.5		

^ Very pronounced intranasal shelves.

i Inner nose.

! Right = 4.85; Left = 5.1.

* Asymmetrical.

! Nasal floor below anterior subnasal border.

m Moderate intranasal shelves.

NOTE.—For footnotes to reference figures see p. 3.

° Looks somewhat male-like, but probably female.

° Surely female.

• Most signs indicate female and original note on skull says female.

• Mastoids and face female, but supraorbital ridges, zygomae, and muscular impressions male-like, yet probably female.

• Heavy.

! Possibly mixed blood.

• All upper incisors trace shovel-shaped.

QUEENSLAND CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
15225	A. M. S.	Mapoon	Adult	19	12	12.3	62.2	76.4	14.43	10.3	6.3	12.4	88.1	69.8	10.1	9.7
15226	do	do	do	18	12.2	12.9	64.9	83.2	14.63	9.8	6.2	12	81.7	61.7	9.9	9.6
15236	do	Carandottia	do	17.9	11.9	12.8	69.5	85.9	14.90	11.1	6.8	12.3	90.2	55.2	10.3	9.8
15205	do	Between Starcke and Jeanne Rivers.	do	19	12.7	13.1	66.8	82.9	14.93		6.3	13		48.5	10.4	10.1
886	A. L. S.	Cape York Peninsula	do	17.2	11.6	12.2	67.4	84.7	13.67		6.3	12.1		52.1	10.3	9.7
1247	A. M. S.	Brisbane	do	18.6	12.6	13.7	67.7	87.8	14.97		(4)	12.2			10.3	9.5
15155	do	Roxburgh Downs	do	18.1	12.3	12.6	68.2	82.9	14.33	10.1	(13)	12.8			9.4	9.4
11444	S. A. M. A.	North Queensland	do	18.8	12.8	13.3	68.1	84.2	14.97		(36)	12.6			9.7	9.7
15204	A. M. S.	Between Starcke and Jeanne Rivers.	do	18.1	12.4	12.6	68.5	82.9	14.37		6.1	11.9		51.5	9.4	9.2
15227	do	Mapoon	do	18.8	12.9	12.8	68.6	81	14.83	11.5	6.7	12.9		54.3	10	9.4
15188	do	South Keppel Island	do	18.9	13	13	68.8	81.2	14.97	10.5	6.5	12.6		51.6	10.4	9.6
15220	do	Kuranda	do	18.6	12.8	12.4	68.8	79	14.60	10.6	5.9	11.8		60	9.6	9.5
15228	do	Normanton	do	18.0	12.2	13.6	69.5	91.3	14.37	4.8	6.2	11.6		84.6	9.8	9.4
19210	do	Melvor River	do	17.6	12.9	12.8	69.4	81	14.77	10.2	6.1	13.2		46.2	10	9.8
15160	S. A. M. A.	North Queensland	do	17.5	12.2	12.8	69.7	86.5	14.17	10.1	6.4	11.8		77.5	9.4	9.2
15180	A. M. S.	Walgala	do	17.5	12.2	12.8	69.7	87.1	13.90	(37)	6.2	12.3		86.6	10.2	9.5
15180	do	do	do	17.5	12.2	12.8	69.7	86.5	14.17	10.8	6.2	12.4		50.4	10.2	9.5
B1765	do	do	do	17.8	12.4	12.9	69.7	85.4	14.37		6.2	12.4		87.1	9.4	9.4
15202	do	Mount Cook	do	17.3	12.1	12.2	69.9	83	13.87	10.6	6.5	12.1		50	10.3	9.9
15187	do	South Keppel Island	do	18	12.6	13.4	70	87.6	14.67	11.1	6.5	12.4		79.8	10	9.4
1228	do	Wide Bay	do	18.4	13	12.8	70.1	82.9	14.70		6.9	12.9		89.5	10.7	9.7
170	S. A. M. A.	do	do	18.5	13	12.6	70.3	79.8	14.70	10.7	6.4	12.9		53.5	10.1	10.5
1203	A. M. S.	Brisbane	do	17.6	12.4	12.8	70.4	85.5	14.27		6.2	12.6				9.3
15211	do	Melvor River	do	17.8	12.6	12.9	70.8	84.9	14.45	10.5	6.1	12.6			10.6	9.6
368	do	Russel River	do	17.8	12.6	13.4	70.5	88.2	14.60		6.5	13		50.8	10.7	10.2

1920	N. M. M.	do.	18	12.8	71.1	81.8	14.47	7.9.8	5.8	12.2	89.3	47.5	9.9	9.8
15217	A. M. S.	Lower Mitchell River.	17.3	12.3	71.1	93.9	14.50	7.10.1	5.13 6.4	11.6	87.1	55.2	10.6	9.8
19827	N. M. M.	do.	18.4	13.1	71.2	76.6	14.53			12.7		52.8	9.9	9.6
15167	A. M. S.	South Keppel Island	17.7	12.6	71.2	84.9	14.40		6.7	12.1	78.5	48.8	10.6	10
15219	do.	do.	17.2	12.8	71.5	87.2	14.13		5.9	12.3	88.6	55.3	9.9	9.6
15233	do.	do.	17.6	12.6	71.6			7.9.5	6.8	12.4	83.1	54.8	9.2	9.6
15194	do.	Riversleigh.	17.2	12.2	71.8	88.4	14.03	4.0.9	6.8	12.6	84.1	51.4	10.2	9.8
15162	do.	do.	17.1	12.3	71.9	87.6	14.10	2.10.3	6.8	12.6	84.1	51.4	9.8	9.5
10505	do.	Mount Cook.	17.8	12.8	71.9	87.6	14.67	2.10.6	5.7	11.9	81.5	47.9	10.2	10.2
15182	do.	Bellenden Ker.	17.5	12.6	72.2	86.4	14.80	9.1.0	6	12.4	83.3	50	9.2	9.4
7	do.	do.	18	13	72.2	86.4	14.80		6	12.4	83.3	48.4	10.1	9.7
1241	A. J. M.	Cape York.	17.9	13	72.6	84.4	14.63		6	12.2	84.1	64.1	9.9	9.5
367	A. M. S.	Russel River.	17.6	13	72.7	85.5	14.47		5.5	12.5	84.4	44	9.9	10.2
3241	do.	Northwest Queensland.	17.8	12.8	73.2	86.8	14.50	7.10.6	6.3	12.9	82.2	48.8	9.6	9.6
15191	do.	Murrumbidgee.	17.5	12.8	73.1	86.8	14.47	4.10.2	7	12.6	81	49.2	9.7	9.4
15238	do.	do.	17.9	13.1	73.2	89	14.47		6.6	12.5	82.2	49.2	9.7	9.8
15197	do.	do.	17.3	12.7	73.4	82	14.10		6.2	12.5	85.5	49.6	9.7	9.5
1236	do.	Mount Cook.	17.6	13	74.4	84.4	14.57		6.6	12.6	87.6	55.8	9.8	9.4
15232	do.	Brisbane.	17.3	12.8	75.1	84.2	14.37	10.6	7.2	12.9	87.6	55.8	9.9	10.2
15233	do.	Mackay.	17.3	13.4	76.6	84.8	15	4.11.3	6.3	12.2	82.3	51.6	9.2	9.6
15900	do.	Yeppoon.	17.9	13	76.9	86.7	14.30	4.10.8	(19)	12.5	86.4	51.6	9.2	9.4
15179	do.	do.	16.9	13.3	76.9	83	14.43	9.10.4	6.5	12.1	86	53.7	10	9.3
15235	do.	do.	17.3	13	77	89	14.07	2.9.8	5.8	13	75.4	44.6	9.4	9.3
* 15188	do.	Corandotia.	16.5	12.7	77.4	83.2	14.07	9.10.6	6.5	12.1	87.6	53.7	9.4	9.3
15240	do.	do.	16.8	13	78.5	83.1	14.50		6.5	12.1	87.6	53.7	9.4	9.3
15196	do.	Barren River.	17.2	13.5	78.5	83.1	14.50	9.10.6	6.7	12.9	87.6	51.9	10.1	9.8
m 15229	do.	Cape York.	16.7	13.6	81.4	83.6	14.33		6.7	12.9	87.6	51.9	10.1	9.8
Totals.			907.5	(31)	646.4	(30)	331.8	(32)	286.9	(40)	570.6	(42)	393.7	(30)
Averages			17.79	644	71.2	84.6	14.45	331.8	286.9	570.6	83.3	51.4	393.7	482.9
Minima			16.5	12	72.88	76.6	13.67	10.37	6.38	11.6	75.4	41	9.2	9.2
Maxima			19	13.7	81.4	93.9	15	11.5	7.2	13.2	90.2	55.8	10.7	10.5

NOTE.—For footnotes to reference figures see p. 3. For footnotes to reference letters see p. 65

QUEENSLAND CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion Subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
15225	A. M. S.	Mapoon	Adult	8.8	67	42	2.8	3.45	3.85	89.6	4.7	2.6	55.3	6.7	111.7	
15226	do	do	do	8.8	70	48	3	3.42	3.9	87.7	4.6	2.9	63	5.9	103.5	
15236	do	Carandotia	do	8.9	66.5	50.5	3.5	3.3	3.8	86.8	18 4.45	2.45	55	6	98.9	
• 15205	do	Between Starcke and Jeanne Rivers.	do	9.2	63.5	48.5		3.05	3.75	81.9	4.5	2.5	55.6	5.7	114	
886	A. L. S.	Cape York Peninsula	do	9.2	66.5	47		2.85	3.45	82.6	4.7	2.85	60.6	5.9	6.8	115.2
• 1247	A. M. S.	Brisbane	do	8.3				3.15	3.8	82.9	4.2	2.7	64.9	5	108.3	
• 15155	do	Roxburgh Downs	do	8.4			2.7	3.22	3.72	86.6	4.65	2.65	57	5 (5.9)	(107.3)	
• 11444	S. A. M. A.	North Queensland	do	9.1			1 (3.4)	3.55	3.75	94.7	18 4.7	2.7	57.4	6	111.1	
15204	A. M. S.	Between Starcke and Jeannie Rivers.	do	8	69.5	45.5		2.98	3.65	81.6	4.15	2.35	56.6	5.4		
• 15227	do	Mapoon	do	8.4	64.5	43	3.5	3.55	3.85	92.2	18 4.85	2.05	54.6	6	108.3	
• 15188	do	South Keppel Island	do	9	65	46.5	3.2	3.22	3.65	88.2	4.45	2.5	56.2	5.7	108.5	
15220	do	Kuranda	do	8.4	71	40	2.9	3.4	3.89	88.3	18 4.5	2.45	54.4			
15228	do	Normanton	do	8.5	69	43.5	2.8	3.25	3.89	88.3	4.45	2.9	65.2	5.6	116.1	
• 15210	do	Melvor River	do	8.8	70.5	47.5	3	3.5	3.7	94.6	4.35	2.95	60.9	5.5	110.9	
• 11412	S. A. M. A.	North Queensland	do	8.2	68.5	50	2.8	3.48	3.62	86.7	18 4.4	2.6	59.1	5.4	114.8	
15160	A. M. S.	Walgra	do	9.2	66	56	2.95	3.12	3.6	86.1	4.2	2.35	56	5.9	105.1	
15180	do	do	do	8.4			3.3	3.32	3.7	89.7	18 4.6	2.45	53.3	5 6.3	100	
B1765	do	do	do	9	69	44		3.12	3.72	83.9	4.5	2.8	62.2	6.1	108.2	
15202	do	Mt. Cook	do	8.2	65.5	38.5	2.9	3.35	3.85	87.9	18 4.4	2.45	55.7	6.1	103.3	
15187	do	South Keppel Island	do	9.6	70	53	3.4	3.25	3.68	88.9	4.6	2.6	56.5	5.8	106.9	
1228	do	Wide Bay	do	9.4	63.5	54		3.1	3.8	81.6	4.6	2.7	58.7	5.9	106.8	
170	S. A. M. A.	do	do	9.4	73	51	3	20 3.6	20 3.95	91.1	4.8	2.4	50.1	5.9	105.1	
1203	A. M. S.	Brisbane	do	8.4				2.92	3.75	85.5	4 4.3	2.5	58.1	6.3	103.2	
15211	do	Melvor River	do	9.2	63.5	49	3.5	2.92	3.75	77.9	4 4.3	2.65	64.6	6.5	103.2	
368	do	Russel River	do	9.6	68	51		3.28	3.75	87.5	4.7	2.8	59.6	6.5	112.1	

	N. M. M.		8.8	8.5	72	50	3	3.15	3.5	90	18.4	2.2	5.3	5.6	107.7
1920	do.	North Keppel Island					3.2								
15217	A. M. S.	Lower Mitchell River						3.32	3.5	94.8	4.6	2.5			
19827	N. M. M.	Isis Ford	9.2		66.5	43.5	2.8	3.35	3.7	90.5	4.85	2.5	5.1	6.7	116.9
15167	A. M. S.	South Keppel Island	9		69.5	56	3.1	3.15	3.7	86.1	4.15	2.55	5.7	5.9	103.6
15219	do.	Kuranda					3.3	3.3	3.6	91.7	4.7	2.35	5.9	6	101.7
15233	do.	Riversleigh					3.42	3.42	3.9	87.7	18.4	2.6	5.4	5.9	118
15164	do.	Mount Cook	8.2		72	56	3.2	3.25	3.95	89	4.8	2.85	6.3	6.9	109.5
15162	do.	do.	8.8		67	46	3.2	3.05	3.6	84.7	18.4	2.7	5.4	6.5	120.4
15163	do.	do.	8.7		70	48	3.05	20	3.6	81.9	4.3	2.6	5.5	6	109.1
15162	do.	do.	8.3		73.5	55.5	3.05	3.1	3.65	81.9	4.3	2.7	6.2	6.2	114.8
15162	do.	do.	8.4		73.5	56	3.05	20	3.6	81.9	4.3	2.6	5.7	6.2	108.8
15182	A. L. M.	Bellenden Ker	8.8		69.5	47.5	3.2	3.15	3.9	92.3	4.55	2.55	5.7	6.2	108.8
1241	A. M. S.	Cape York						2.9	3.0	87.5	4.4	2.4	6.1	6.2	101.7
367	do.	Russel River						19	3.7	86.1	4.4	2.8	6.3	6.3	106.8
15191	do.	Northwest Queensland	8.3		71	47	2.9	3.15	3.65	89.9	4.4	2.7	5.9	6.3	106.8
15192	do.	Mirriam Vale	8.6				3.2	2.95	3.85	76.6	4.2	2.7	6.3	6.3	106.8
15197	do.	Corandotta	8.4		70	50	3.4	3.4	3.75	90.7	18.4	2.7	5.6	6.3	112.5
1236	do.	Mount Cook	8.7		69.5	54.5	2.85	3.3	3.6	91.7	4.25	2.65	5.6	6.3	114.5
15232	do.	Brisbane	8.8		67	52.5	3.1	3.35	3.65	91.8	4.8	2.45	5.6	6.4	114.5
15200	do.	Maackay	9		71.5	58	3.1	3.55	3.75	94.7	5.3	2.65	5.6	6.4	114.5
15179	do.	Yeppoon	8.3		74	50.5	3.1	3.15	3.7	85.1	18.4	2.45	5.5	6.4	116.4
15235	do.	do.	8.6				3.1	3.45	3.88	88.9	4.85	2.55	5.6	6.5	116.1
15158	do.	Corandotta	8.6		65	44	3.2	3.25	3.88	92.3	4.6	2.7	5.8	6.5	116.1
15240	do.	do.	8.6		65.5	35.5	3	3.25	4	78.8	18.4	2.7	6.1	6.7	109.8
15196	do.	Barron River	8.8		69	48.5	2.75	3.25	3.72	87.4	18.4	2.7	6.2	6.3	105
15229	do.	Cape York	8.2		68	52	3.5	3.12	3.58	87.3	4.8	2.4	5.9	6.1	108.4
Totals	(43)	(40)	(40)	(33)	(40)	(40)	(33)	(50)	(50)	(50)	(40)	(48)	(40)	(40)	(40)
Averages	420.2	420.2	420.2	399.8	162.75	136.65	3.02	162.75	186.65	126.65	221.45	2.58	5.76	6.28	109
Minima	8.75	68.5	49	3.02	2.85	35.5	2.6	2.85	3.45	76.6	3.9	2.2	5.6	5.6	98.3
Maxima	9.6	74	58	3.5	3.6	58	3.5	3.6	4	96.1	5.3	2.9	6.3	6.9	120.4

1 Upper and lower posterior premolars missing.
 m Marked "Tasmania type of skull," and it is so. Occiput slightly asymmetrical;

p prominent parietal bossae.

a Possibly slight occipital compression.

o Upper third molars both diminutive.

r Decidedly thick intranasal shelves.

e Medium intranasal shelves.

f Marked intranasal shelves.

NOTE.—For footnotes to reference figures see p. 3.

a Both upper third molars still in sockets; both lower third molars fully erupted.

b Supernumerary behind right upper median incisor.

c Third molars erupted—tiny; basal suture closed.

d Karundi tribe.

WEST AUSTRALIAN CRANIA
FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
97	S. A. M. A.	Near Malcolm	Adult	17.8	12.1	13	68	89.7	14.30	10.7	6.5	12.7	51.2	51.9	9.5	9.4
♂ S1580	A. M. S.		do.	18.0	12.7	13.5	68.3	86.5	14.93	9	9.3	12.7	54.2	51.2	10	10
♂ 171	S. A. M. A.	Murchison District	do.	17.4	12.4	13	69.2	87.2	14.63	11	6.6	12.1	50.9	49.2	10.3	9.6
3	do.		do.	17.4	12.4	13	71.3	87.2	14.27	10.3	6.4	12.1	78.6	48.8	9.8	9.2
♂ 58	do.	Geraldton	do.	17.3	12.7	12.4	72	82.7	14.87	10.3	6.1	12.4	78.6	48.8	9.8	9.5
2	do.		do.	17.3	13.4	12.7	73.4	82.7	14.13	10.3	6.1	12.4	78.6	48.8	9.8	9.5
109	do.	Bunbury	do.	17.3	13.4	12.7	77.5	82.5	14.47	10.3	6.7	11.9	56.5	56.5	9.9	9.5
Totals				123.5	89.5	89.8	(7)	(7)	(7)	32	44.7	6.38	(3)	(7)	(7)	(7)
Averages				17.93	12.78	12.83	71.3	84.2	14.51	10.67	6.38	12.4	54.4	51.4	9.93	9.54

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
97	S. A. M. A.	Near Malcolm	Adult	8.8	70	44	3.3	3.25	3.7	87.8	13.4	7	57.4	5.5	6.3	117.3
♂ S1580	A. M. S.		do.	8.8	71	51	3.3	3.35	3.75	89.3	4.6	2.8	60.9	5.5	6.8	113.5
♂ 171	S. A. M. A.	Murchison District	do.	9.1	66.5	43.5	3.4	3.05	3.8	80.3	4.2	2.85	56	5.8	6.2	106.9
3	do.		do.	8.7	65.5	44.5	3.4	4.05	4.1	84	4.55	2.59	56	5.3	6.4	100
♂ 58	do.	Geraldton	do.	8.4	65.5	45	3.5	3.15	3.82	82.4	4.4	2.8	63.6	5.8	6.2	106.9
2	do.		do.	8.6	69	48	3.4	3.85	3.85	88.5	4.3	2.6	60.5	5.7	6.7	116.5
109	do.	Bunbury	do.	8.9	67	54	3.28	3.28	3.85	85.2	4.8	2.35	49	5.7	6.1	107
Totals				60.8	(7)	(7)	(7)	22.88	(7)	26.82	31.55	13.15	(7)	(7)	(7)	(7)
Averages				8.68	68	47.5	3.27	3.27	3.83	86.4	4.51	2.59	57.4	5.86	6.58	103.9

♂ Large female.

♂ Massive; parietal = 6-7 mm.

NOTE.—For footnotes to reference figures see p. 3.

NORTHWEST AUSTRALIAN CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
223	S. A. M. A. Dr. Basedow's	King Leopold Range.	Adult.	17.2	12	12.8	69.8	87.7	14	9 10.3	9.7	11.7	88	57.5		5.5
17	A. L. A.	Derby	do.	18.4	13	13	70.6	82.8	14.80	6.4	6.4	12.4	51.6	61.6	10	9.6
			do.	16.8	12.6	12.9	75	87.8	14.10	(8)	(8)	13.4				
Totals.				(a) 52.4	(b) 37.6	(c) 38.7	(d) 71.7	(e) 86	(a) 14.80	(b) 13.1	(c) 37.5	(d) 88	(e) 64.4	(a)		(a) 9.3
Averages.				17.47	12.53	12.9	71.7	86	14.80	6.55	12.5					9.65

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
223	S. A. M. A. Dr. Basedow's	King Leopold Range.	Adult.	8.6	°	°	3.45	3.85	3.85	89.6	18 4.8	2.3	47.9	9	9	114.5
17	A. L. A.	Derby	do.	8.8	°	°	3.3	3.75	3.75	88	5	2.55	51	6.4	6.4	114.5
			do.	9			3.55	3.75	3.75	94.7	(e)	2.7				
Totals.				(a) 26.5			(a) 10.3	(a) 11.35	(a) 3.78	(a) 90.7	(a) 9.8	(a) 7.55	(a)			
Averages.				8.88			9.45	3.78	3.78	90.7	4.9	2.65	49.0			

° Nasal bones anomalous.

NOTE.—For footnotes to reference figures, see p. 13.

CENTRAL AUSTRALIAN CRANIA

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
(*)	Dr. Basedow's	Flinder's Ranges	Adult	19.2	12.7	12.1	66.2	75.6	14.67	9.9	9.2	12.5	79.2	46.6	10.3	10.1
	do	Mt. Hopelen	do	18.5	12.8	12.6	69.2	80.8	14.63	10.10	(1) 9	12.5	80			9.8
Totals				37.7	25.5	(2) 24.7	(1) 67.6	(2) 78.2	(2) 14.65	(1) 10.9	(1) 9.2	(2) 12.5	(1) 79.6			(1) 10.1
Averages				18.86	13.75	12.56	67.6	78.2	14.65	10.9	9.56	12.5	79.6			9.86

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Racial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits-Height, mean	Orbits-Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{1}{b \times 100}\right)$
(*)	Dr. Basedow's	Flinder's Ranges	Adult	9.3	70.5	51.5	2.9	2.9	3.65	79.5	4.6	2.6	56.6	5.9	6.5	110.2
	do	Mt. Hopelen	do	8.2	70.5	51.5	2.9	3.55	3.9	91	18 4.7	2.6	55.3			
Totals				(1) 17.5			(2) 5.8	(2) 6.45	(2) 7.55	(1) 85.2	(2) 9.3	(2) 5.2	(2) 55.9			
Averages				8.76			2.9	3.22	3.78	85.2	4.65	2.6	55.9			

* Whole skeleton; surely female.

NOTE.—For footnotes to reference figures see p. 3.

AUSTRALIAN CRANIA. (LOCALITY UNKNOWN)

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	$\text{Facial Index, total} \left(\frac{a \times 100}{c} \right)$	$\text{Facial Index, upper} \left(\frac{c}{b \times 100} \right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
53	S. A. M. A.		Adult	18.4	12.8	13	69.6	83.3	14.73		6.8	11.8		57.6	10	9.7
111	do.		do.	18.3	12.8	12.4	70	79.5	14.30		9.4	12.8		60	10.5	10.2
12923	N. M. M.		do.	17.4	12.4	13.1	71.3	87.9	14.30		12	12		50.8	9.8	9.4
Totals				54.1	38	38.5	(3)	(3)	(3)	(3)	(3)	(3)		(3)	30.3	29.3
Averages				18.03	12.67	12.85	70.3	83.5	14.51		6.43	12.2		52.7	10.1	9.77

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{1} \right)$
53	S. A. M. A.		Adult	8.8	67.5°	50.5°		3.42	3.65	63.7	4.8	2.6	54.2	6.6	5.8	103.6
111	do.		do.	9.4	69.5°	53°		3.25	3.8	85.5	19.4	2.5	56.8	5.8	6.3	103.6
12923	N. M. M.		do.	8.3	68°	53°		3.03	3.65	84.4	4.3	2.7	62.8	5.7	6.2	108.8
Totals				27	(3)	(3)		(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Averages				9	68.5°	62.5°		3.25	3.7	87.8	4.5	2.6	57.8	5.7	6.1	107

* Asymmetrical.

NOTE.—For footnotes to reference figures see p. 3.

ABSTRACT: AUSTRALIAN CRANIA

MALE

	Diam. antero-posterior maxim. (labelled ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pl. (x)	Basion-Nasion (y)
South Australia.....	(188) Totals	2,021.3	2,431.9	(187) 69.7	(186) 80.7	(188) 15.15	(100) 1,156.4	(100) 1,175.9	(161) 2,182.7	(67) 84.3	(75) 51.2	(185) 1,670.5	(181) 1,868.3
	(188) Means	19.00	13.81	(187) 69.7	(186) 80.7	(188) 15.15	11.45	6.96	13.56	84.3	51.2	10.71	10.26
Northern Territory.....	(108) Totals	1,910.3	1,328.9	(108) 69.6	(101) 86	(101) 14.99	(113) 877.2	(103) 655.4	(161) 1,305.8	(77) 83.2	(68) 51	(91) 988.4	(108) 1,086.6
	(108) Means	18.55	12.9	(108) 69.6	(101) 86	(101) 14.99	11.25	6.9	13.62	83.2	51	10.64	10.95
Victoria.....	(74) Totals	1,412.2	994.9	(74) 70.4	(71) 84.1	(72) 15.40	(88) 430.1	(88) 483.2	(60) 957.9	(67) 82.3	(68) 51.2	(66) 703	(72) 752.7
	(74) Means	19.08	13.44	(74) 70.4	(71) 84.1	(72) 15.40	11.32	7.11	13.88	82.3	51.2	10.82	10.45
New South Wales.....	(60) Totals	1,121.1	783.2	(60) 69.9	(63) 83.4	(63) 15.25	(99) 332.6	(60) 348.6	(42) 565	(67) 85.2	(68) 51.4	(44) 465.5	(63) 545.6
	(60) Means	19	13.27	(60) 69.9	(63) 83.4	(63) 15.25	11.47	6.97	13.45	85.2	51.4	10.58	10.29
Queensland.....	(60) Totals	914.7	643.2	(60) 70.5	(60) 86.7	(60) 15.14	(82) 362.2	(62) 287.5	(44) 592.3	(61) 84.8	(60) 60.9	(43) 437.4	(60) 531
	(60) Means	18.67	13.13	(60) 70.5	(60) 86.7	(60) 15.14	11.32	6.84	13.46	84.8	60.9	10.41	10.21
West Australia.....	(10) Totals	186	132.5	(10) 71.2	(10) 82.8	(10) 15.01	(6) 57.3	(7) 49.8	(10) 122.1	(6) 86.4	(7) 52.3	(7) 73.7	(10) 102.1
	(10) Means	18.60	13.25	(10) 71.2	(10) 82.8	(10) 15.01	11.46	7.11	13.57	86.4	52.3	10.53	10.21
Northwest Australia.....	(7) Totals	131.9	90.7	(7) 68.8	(7) 83.5	(7) 15.02	(6) 24.2	(1) 28.8	(4) 94.3	(4) 90.6	(4) 54.6	(3) 31.7	(7) 71.8
	(7) Means	18.84	12.96	(7) 68.8	(7) 83.5	(7) 15.02	12.1	7.2	13.47	90.6	54.6	10.57	10.25

Central Australia.....	(6) Totals.....	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	
	(7) Means.....	113.4	81.1	78.5	71.5	80.7	15.17	45.6	34.3	68.1	83.1	50.4	52.5	61.1
Locality unknown.....	(6) Totals.....	133.4	91.9	94.4	68.9	83.8	16.25	34.5	49.1	92.8	87.8	52.9	74.9	71.8
	(7) Means.....	13.06	13.13	13.49	13.49	13.49	13.49	11.5	7.01	13.26	10.7	10.7	10.7	10.26
(521)														
Grand totals.....	(613)	9,702.1	6,767.7	6,560.7	(614)	(491)	(611)	(322)	(447)	(448)	(483)	(414)	(420)	(604)
Averages.....		18.91	13.22	13.86	69.9	83.2	15.16	3,320.1	3,112.6	6,041	84	51.2	10,666	5,091
Minima.....		17.3	11.6	11.6	59.7	69.9	14.20	9.4	5.7	12	68.6	41.3	9.2	9.2
Maxima.....		21.6	14.6	15	77.9	94.7	16.27	13.7	8.6	15	102.2	62.4	12.3	11.5

ABSTRACT: AUSTRALIAN CRANIA—Continued

MALE—Continued

	Basion subnasal Pt.	Facial Angle	Alv. Angle	Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
South Australia.....(198)	$\left. \begin{array}{l} \text{Totals} \\ \text{Means} \end{array} \right\}$ (196) 1,565.4 (197) 9.47	(190) 79	(190) 50	(92) 316.5 3.44	(176) 589.22 3.55	(178) 680.38 3.86	(176) 86.8	(176) 854.45 4.85	(176) 469.6 2.57	(178) 65	(167) 981.9 6.25	(167) 1,072.25 6.85	(167) 109.3
Northern Territory.....(108)	$\left. \begin{array}{l} \text{Totals} \\ \text{Means} \end{array} \right\}$ (90) 954.1 (91) 9.45	(90) 68.5	(90) 70	(94) 180.1 3.34	(167) 355.28 3.32	(167) 417.89 3.9	(167) 86.1	(100) 519.3 4.9	(100) 200.5 2.74	(100) 65.9	(93) 584.7 6.15	(90) 645.45 6.72	(90) 109.3
Victoria.....(74)	$\left. \begin{array}{l} \text{Totals} \\ \text{Means} \end{array} \right\}$ (71) 680.6 (72) 9.69	(64) 67.5	(64) 52.5	(43) 153.25 3.56	(72) 239.08 3.32	(72) 282.43 3.92	(74) 84.7	(72) 351.45 4.88	(72) 200.65 2.79	(74) 67.2	(63) 405.9 6.24	(60) 449.3 6.91	(60) 110.8
New South Wales.....(59)	$\left. \begin{array}{l} \text{Totals} \\ \text{Means} \end{array} \right\}$ (61) 475 (62) 9.31	(44) 68	(44) 50	(27) 95.2 3.53	(63) 182.8 3.32	(63) 214.28 3.9	(63) 85.1	(63) 273.9 4.89	(63) 156.5 2.79	(63) 67.1	(44) 274 6.23	(44) 304.3 6.92	(44) 111.1
Queensland.....(52)	$\left. \begin{array}{l} \text{Totals} \\ \text{Means} \end{array} \right\}$ (49) 450.8 (50) 9.2	(41) 69	(41) 50	(33) 110.75 3.26	(41) 170.69 3.56	(41) 197.36 3.87	(41) 86.6	(49) 238.2 4.86	(49) 134.55 2.75	(49) 66.6	(41) 245.8 6	(49) 277.95 6.78	(41) 113
West Australia.....(10)	$\left. \begin{array}{l} \text{Totals} \\ \text{Means} \end{array} \right\}$ (10) 92.3 (9) 9.23	(7) 66.5	(7) 50	(3) 7.1 3.55	(19) 34.5 3.45	(10) 39.88 3.99	(10) 86.5	(10) 49.6 4.96	(10) 26.85 2.68	(10) 54	(7) 41.2 5.89	(7) 45.6 6.51	(7) 110.5
Northwest Australia.....(7)	$\left. \begin{array}{l} \text{Totals} \\ \text{Means} \end{array} \right\}$ (7) 64.3 (6) 9.19	(3) 67.5	(3) 49.5	(3) 10.8 3.6	(7) 23.31 3.33	(7) 27.8 3.97	(7) 83.9	(7) 35.05 5.01	(7) 19.75 2.82	(7) 66.8	(3) 18.6 6.2	(3) 21.7 7.23	(3) 116.6

Central Australia.....	(1) 37.7	(2) 24.7	(3) 14.66	(4) 10.9	(5) 6.2	(6) 25	(7) 79.6	(8) 49.6	(9) 10.3	(10) 19.9
	18.85	12.55	78.2	9.96	78.2	12.5	79.6	49.6	10.3	9.86
Locality unknown.....	(1) 34.1	(2) 38.5	(3) 83.6	(4) 83.6	(5) 19.3	(6) 36.6	(7) 6.43	(8) 62.7	(9) 30.3	(10) 29.3
	18.03	12.83	83.6	14.51	6.43	12.2	6.43	62.7	10.1	9.77
Grand totals.....	(395) 7,086.5	(377) 4,804.3	(377) 83.1	(395) 2,174.2	(339) 2,197.8	(325) 4,067.3	(193)	(310)	(322) 3,263.6	(374) 3,643.3
Averages.....	17.94	12.76	83.1	14.48	6.48	12.48	83.6	62	10.14	9.74
Minima.....	16.3	11.3	73.4	13.47	5.5	11.1	71.3	42.6	8.8	8.9
Maxima.....	19.2	14.4	93.9	15.37	7.6	13.9	95.8	62.5	11.3	10.7

ABSTRACT: AUSTRALIAN CRANIA—Continued

FEMALE—Continued

	Basion subnasal Pt.	Facial Angle	Alv. Angle	Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{1}{b} \times 100\right)$
South Australia.....	(150) Totals 1,109.8 (150) Means 8.95	(119) 67	(111) 49	(73) 224.9 (73) 3.58	(125) 471.16 (125) 3.74	(125) 89	(117) 579.55 (117) 4.66	(117) 321.35 (117) 2.53	(117) 656.4 (117) 5.91	(117) 66.5	(111) 656.4 (111) 5.91	(111) 701.95 (111) 6.52	(111) 106.9
Northern Territory.....	(80) Totals 687.7 (80) Means 8.59	(83) 67.5	(83) 48	(41) 124.55 (41) 3.94	(73) 293.18 (73) 3.76	(73) 87.2	(76) 349.35 (76) 4.6	(76) 195.75 (76) 2.58	(69) 402.8 (69) 5.84	(76) 56.1	(69) 402.8 (69) 5.84	(76) 441.5 (76) 6.91	(69) 108
Queensland.....	(51) Totals 420.2 (51) Means 8.75	(46) 68.6	(46) 49	(33) 99.8 (33) 3.02	(50) 186.65 (50) 3.75	(50) 87.4	(49) 221.45 (49) 4.52	(49) 126.65 (49) 2.58	(49) 230.6 (49) 5.76	(49) 57.1	(49) 230.6 (49) 5.76	(49) 251.4 (49) 6.28	(49) 109
Victoria.....	(49) Totals 436.5 (49) Means 8.91	(43) 68.5	(43) 50	(25) 78.25 (25) 3.13	(49) 184.73 (49) 3.77	(49) 88.6	(48) 220.35 (48) 4.59	(48) 124.05 (48) 2.58	(44) 255.5 (44) 5.81	(48) 56.2	(44) 255.5 (44) 5.81	(44) 281 (44) 6.39	(44) 110
New South Wales.....	(44) Totals 372.9 (44) Means 8.88	(36) 69	(36) 50	(15) 496.5 (15) 3.1	(44) 164.33 (44) 3.73	(44) 87.4	(43) 194.78 (43) 4.53	(43) 112.75 (43) 2.62	(40) 232.6 (40) 5.83	(43) 57.8	(40) 232.6 (40) 5.83	(40) 256.2 (40) 6.4	(40) 110
West Australia.....	(7) Totals 60.8 (7) Means 8.68	(7) 68	(7) 47.5	(1) 3.3	(7) 26.82 (7) 3.83	(7) 85.4	(7) 31.55 (7) 4.61	(7) 18.15 (7) 2.59	(7) 41 (7) 5.86	(7) 57.4	(7) 41 (7) 5.86	(7) 44.7 (7) 6.58	(7) 108.9
Northwest Australia.....	(3) Totals 26.5 (3) Means 8.83	(1) 69.5	(1) 43.5	(3) 10.3 (3) 3.43	(3) 11.35 (3) 3.78	(3) 90.7	(3) 9.8 (3) 4.9	(3) 7.55 (3) 2.62	(1) 5.6 (1) 49.5	(3) 49.5	(1) 5.6 (1) 49.5	(1) 6.4 (1) 6.4	(1) 114.5

Central Australia.....	(2) Totals.....	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
	(1) Means.....	17.5	70.6	51.6	5.8	6.45	7.55	86.2	9.3	5.2	5.9	6.5	110.2
Locality unknown.....	(2) Totals.....	8.75	68.6	52.6	2.9	5.22	5.78	87.8	4.65	2.6	5.7	6.1	107
	(1) Means.....	27	9	92.6	9.75	3.25	11.1	87.8	13.5	7.8	17.1	18.3	107
Grand totals.....	(2) Totals.....	3,158.9	(316)	(316)	(191)	(392)	(362)	(362)	(337)	(333)	(316)	(317)	(316)
	(1) Averages.....	8.9	67.5	48	586.25	1,194.27	1,356.87	88	1,629.63	919.25	1,847.5	2,007.95	108.2
	(2) Minima.....	7.6	58.5	32	3.07	3.5	3.75	88	4.66	2.57	5.85	6.85	94
	(3) Maxima.....	10	77	66	2.6	2.9	33.5	76.5	3.5	2.1	5	5.6	125.9
					3.95	3.8	4.1	100	5.3	3.2	6.8	7	

TASMANIANS
TASMANIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)	
a 1104	College of Surgeons		Adult	19.1	13.3	13.7	69.6	84.6	15.37		7	14.1		49.6	11	11.4	
b B	Dr. Palleine's		do.	20.6	14.4	13.5	69.9	77.1	16.17		7.4	14.2		52.1	11.4	10.5	
c 1412	College of Surgeons		do.	19.9	14.2	13.7	71.4	80.6	15.98	9 11.5	6.9				11	10.3	
c 1100	do.		do.	19	13.6	14	71.6	85.9	15.53		7.3				10.5	10.2	
c 1419	do.		do.	18.4	13.2	13.4	71.7	84.8	15	7 10.8	6.7				10.9	9.9	
b C	Dr. Palleine's		do.	19.5	14		71.8										
28899	N. M. M.	Northeast coast	do.	19	13.7	13.7	72.1	83.5	15.47			13.9				10.3	
d D	Dr. Palleine's		do.	19.2	13.8	13.2	72.6	80.5	15.33			14.2				10.4	
e 1408	College of Surgeons		do.	19.2	14	13.6	72.9	81.9	15.60		6.8				11	10.4	
e 1406	do.		do.	19.4	14.2	13.6	73.2	81.7	15.73	7 11.9	6.8	13.6		50	11	10.4	
e 1411	do.		do.	18.9	14	13.4	74.1	81.7	15.43		6.4	13.1		48.8	10.6	10.3	
e 1417	do.		do.	18.5	13.7	13.5	74	83.8	15.23	7 10.9	6	13		46.2	10.5	10.2	
e 1418	do.		do.	19.4	14.4	13.2	74.2	78.1	15.67	7 11.2	(19)	13.7		48.2	10.4	10.2	
* 1113-1	do.		do.	19.4	14.2	13.4	74.7	80.7	15.53	7 11.1	6.5	13.5		48.2	10.2	10.2	
e 1407	do.		do.	18.3	13.7	13	74.9	81.2	15		6.6	13.5		48.2	10.4	10	
e 1101	do.		do.	19.4	13.8	13	75	80.8	15.07		(11)	13.7		57.7	10	9.9	
A	Dr. Palleine's		do.	19.4	14.6	13.3	75.9	78.2	15.77		7.9	13.7		57.7	10	9.4	
* 1096	College of Surgeons		do.	18.4	13.9	13.4	75.6	82.7	15.23	7 11.1	(12 45)	13.7		57.7	10	9.7	
e 1098	do.		do.	18.2	13.8	13.6	75.8	85	15.20	(7)	6.3	14.1		44.7	10.4	9.2	
* 1099	do.		do.	18.4	14	13.4	76.1	82.7	15.27	(7)	6.7	13.1		51.2	10.4	10.2	
A 1102	do.		do.	18.5	14.2	12.8	76.8	78	15.17		(11)	13.1		47.7	10	10	
* 1109-1	do.		do.	17.8	13.9	13	78.1	82.8	14.90		6.2	13		47.7	10.9	10	
Totals	(22)	(21)	(21)	416.3	306.6	281.4	(21)	(21)	(21)	(7)	(15)	(15)	(6)	(11)	(11)	(21)	213.3
Averages				18.98	13.94	13.4	74.1	81.6	15.41	78.5	101.5	204	83.1	49.8	149.2	10.66	
Minima				17.8	13.2	12.8	69.6	77.1	14.90	10.8	6	13	81	44.7	10	9.2	
Maxima				20.6	14.6	14	78.1	85.9	16.17	11.9	7.9	14.2	87.5	57.7	11.4	11.4	

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
a 1104	College of Surgeons.		Adult	10	75	50.5		3.28	3.75	87.5	18.5	2.65	48.2	5.8	6.6	113.8
b B	Dr. Pülleine's.		do.	10.1	64	52.5		3.18	3.9	81.5	15	2.75	66	6.7	7.3	109
c 1412	College of Surgeons.		do.	9.8	66	49	3.2	3.3	3.85	85.7	5	2.9	68	6.1	6.9	113.1
e 1100	do.		do.	9.3	67.5	53.5		19.3	19.3	86.8	4.5	2.7	62.9	6.3	7.3	115.9
e 1419	do.		do.	9.8	63.5	56.5	3.3	19.3	19.3	86.2	4.4	2.7	61.4	6.3	7.1	112.7
b C	Dr. Pülleine's.		do.													
28899	N. M. M.	Northeast coast.	do.	9.9				3.05	3.8	80.3	5.3	2.9	64.7			
d D	Dr. Pülleine's.		do.													
a 1408	College of Surgeons.		do.	9.4	67	49	3.3	19.2	19.4	78	4.85	2.85	68.8			
e 1406	do.		do.	9.8	70	54.5		3.05	3.68	82.9	4.6	2.7	68.7	6.7	7	104.6
e 1411	do.		do.	9.6	70.5	49.5	3	2.85	3.88	73.4	4.5	2.9	64.4	6.2	6.6	106.4
e 1417	do.		do.	9.5	70.5	49.5	3	3.08	3.8	81.1	4.8	2.95	61.6			
e 1418	do.		do.	10			3.2	2.95	3.8	77.6	4.55	2.7	69.3	5.9	7.2	122
a 1113-1	do.		do.	9.4	71.5	62		2.95	3.88	76.6	4.55	2.7	69.3	6.3	7	111.1
e 1407	do.		do.	9.4	68	56.5		3	3.92	76.5	4.3	2.45	67			
a 1101	Dr. Pülleine's.		do.	8.8	62	58	3.3	3	3.95	76.5	5.1	2.3	45.1	6.1	7	114.8
A	Dr. Pülleine's.		do.	9			2.8	3.2	4.05	79	18.4	3	61.9			
e 1066	College of Surgeons.		do.	9	61.5	50		3.08	3.9	79	4.3	2.6	60.6	6.3	6.5	100
e 1098	do.		do.	9.2	61.5	50		3	3.75	80	18.4	2.8	67.1	6.1	7.2	118
e 1099	do.		do.	9.4	69.5	54.5		2.85	3.48	81.9	4.9	2.6	63.1	6.5	6.5	103.3
a 1102	do.		do.	9.2	65	54.5		2.8	3.63	76.1	4.3	2.45	67	6.3	6.7	106.4
a 1109-1	do.		do.	9.9	65	54.5		2.8	3.63	76.1	4.3	2.45	67	6.3	6.7	106.4
Totals				(20)	(14)	(14)	(6)	(21)	(31)	(47)	(60)	(20)	(20)	(18)	(18)	(66)
Averages				100.7	68	52.6	25.1	64.61	80.47	93.75	93.75	54.25	61.9	93.3	104.93	111.4
Minima				9.64	64	49	3.14	3.08	3.83	80.3	4.79	2.71	66.7	6.22	6.93	100
Maxima				10.1	75	62	3.3	3.45	4.1	87.6	5.5	2.3	64.4	6.7	7.3	122

(1) Near Australian type, except nose, somewhat.
 (2) Type quite Australian.
 (3) Australian type.
 (4) Metopic suture.
 (5) Near Australian type.
 (6) Near Australian type. Face and mastoids somewhat female-like, but probably male.
 (7) Near Australian type. Face and zygomae somewhat female-like, but probably male.
 (8) Australian type. Surely male.
 (9) Moderate gutters.
 (10) Large fossae.
 (11) Diameter antero-posterior of both left and right lower molars (1, 2, 3) = 4.4 cm.
 (12) Diameter antero-posterior at middle of lower right first molar and second molar = 2.8 cm.
 (13) Large fossae, partly intranasal, as in Australians.

NOTE.—For footnotes to reference figures see p. 3.

TASMANIAN CRANIA—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
^a A577	S. A. M. A.		Adult	18.2	13	12.9	71.1	82.7	14.70			12.2		50.8	10.6	10.5
1106	College of Surgeons.		do.	17.6	12.8	12.8	72.7	84.2	14.40	9.10	6.2	11.9	84	52.1	9.4	9.7
1409	do.		do.	18	13.4	12.6	74.4	86.2	14.67		6.2	12.8		52.5	10.4	10
^a E	Dr. Puhlé's.		do.	18.4	13.7	12.7	74.5	79.4	14.93	11.2	6.7	13.2	84.8	53	10.4	9.8
^b 1410	College of Surgeons.		do.	18	13.5	13.3	75	84.2	14.93		7	13		50.8	9.8	9.8
1107	do.		do.	17.6	13.2	12.6	75.3	81.8	14.47		6.6	13			9	9.2
^c 1421	do.		do.	18.2	13.7	12.6	75.8	78.8	14.83		7.4	12.9		57.4	10	9.9
1109	do.		do.	17.8	13.5	12.4	75.8	79.5	14.57		5.7	12.6		45.2	9.9	9.2
^d 1097	do.		do.	17.5	13.3	11.9	76	77.9	14.23	9.8	(35)	12	81.7	46.2	10.2	8.7
1415	do.		do.	17.6	13.6	12.9	77.3	82.7	14.70	10.1	6.1	13.2	76.5	46.2	10.2	10.2
1103	do.		do.	17.3	13.5	12.4	78	80.5	14.40		6.1	12.3		49.6	9.8	9.5
1420	do.		do.	17.5	13.8	12.6	78.9	80.8	14.63	9.8	6.2	12.6	77.8	49.2	9.8	9.3
1116	do.		do.	16.6	13.2	12.2	79.5	81.9	14		6.8	12.3		55.3	10	9.4
1108	do.		do.	16.3	13	12.3	79.8	84.2	13.87	9.1	5.4	11.5	79.1	47	9	9.1
1105	do.		do.	16.8	13.5	12.6	80.4	82.9	14.36		5.8	11.9		48.7	9.4	8.9
Totals				(13) 263.4	(13) 200.7	(13) 188.8	(16) 76.2	(16) 81.4	(15) 14.51	(6) 60	(14) 87.8	(14) 174.4	(6) 80.6	(14) 48.7	(14) 137.7	(13) 143.2
Averages				17.56	13.38	12.59	76.2	81.4	14.51	10	6.27	12.46	80.6	50.4	10.4	9.55
Minima				16.3	12.8	11.9	71.4	77.9	13.87	9.1	5.4	11.5	76.5	45.2	9	8.7
Maxima				18.4	13.8	13.3	80.4	84.2	14.93	11.2	7.4	13.2	84.8	57.4	10.6	10.5

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
a A577	S. A. M. A.	.....	Adult	9.6	72	55	.....	20	3.2	3.8	14.4	2.6	50.1	5.9	6.5	110.2
1106	College of Surgeons	.....	do.	8.6	74	57	2.7	3.25	3.52	92.3	4.65	2.55	54.5	5.3	6.3	118.9
1400	do.	.....	do.	9.4	68	54.5	.....	3.1	3.8	81.6	4.88	2.8	57.7	6	5.7	116.7
a E	Dr. Puelleine's	.....	do.	8.8	65	44	3.25	3.48	3.95	88.1	4.8	3	62.6	6.2	7	112.9
b 1410	College of Surgeons	.....	do.	9	70.5	61	.....	3.05	3.78	82.6	4.7	2.75	58.5	5.6	6.5	116.1
1107	do.	.....	do.	8.4	74.5	57	3.4	19	3.1	86.1	4.45	2.45	55.1	5.3	6	113.2
c 1421	do.	.....	do.	8.8	67.5	56.5	.....	3.55	3.75	94.7	4.85	2.65	54.6	5.5	6.3	114.6
1109	do.	.....	do.	8.7	66	38.5	.....	3	3.7	81.1	4.3	2.75	63.9	5.9	6.4	108.5
d 10.7	do.	.....	do.	8.3	.....	.....	2.4	18	3.62	87.8	4.55	2.65	58.2	.....	.....	117.9
1415	do.	.....	do.	9.5	72.5	55	2.9	3.05	3.78	80.7	19	2.5	51.6	5.6	6.6	110.3
1103	do.	.....	do.	8.8	69	54	.....	2.9	3.55	81.7	4.3	2.7	62.8	5.8	6.4	110.3
1420	do.	.....	do.	8.6	67	52	2.7	2.9	3.78	76.7	4.7	2.5	61	5.7	6.5	114
1110	do.	.....	do.	8.6	65	47	.....	3.22	3.7	87	4.7	2.6	55.3	5.8	6.7	115.5
1108	do.	.....	do.	8.6	74	68	2.2	2.92	3.68	79.4	19	2.5	61	5.2	6	115.4
1105	do.	.....	do.	8.6	66.5	60	.....	2.92	3.6	81.1	3.9	2.45	62.8	3.6	0.4	114.3
Totals	.....	.....	.....	(13)	(16)	(14)	(7)	(15)	(18)	(16)	(13)	(15)	(15)	(14)	(14)	(14)
Averages	.....	.....	.....	132.3	69.5	53.5	19.55	46.82	55.61	87.5	39.45	39.45	57.9	79.4	90.6	114.1
Minima	.....	.....	.....	8.8	65	38.5	2.79	2.9	3.12	84.2	4.5	2.63	58.4	5.2	6	108.5
Maxima	.....	.....	.....	9.6	74	68	3.4	3.55	3.95	94.7	4.85	3	63.9	6.2	7	118.9

a Australian type.
 b Somewhat malelike, especially in mastoids; possibly male.
 c Surely female.
 NOTE.—For footnotes to reference figures see p. 3.
 d Metopic suture.
 * Upper median incisors shovel-shaped, laterals slightly.
 † Moderate gutters.
 ‡ Moderate intranasal shelves.

NEW CALEDONIANS

NEW CALEDONIAN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maxim.)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
a S634	A. M. S.	.....	Adult	18.9	12.4	13.4	66.7	86.4	14.80	.....	8 36 7	13.9	.....	50.4	10.6	10
S635	do	.....	do	19.7	13.2	14.9	67	90.6	15.93	.....	6.8	13.7	.....	49.6	10.8	10.7
S1053	do	.....	do	19.7	12.9	13.4	67.9	83.8	15.10	.....	7	13.1	.....	53.4	10.9	10.4
S806	do	.....	do	19.3	13.3	14.4	68.9	88.3	15.07	.....	7	13.1	.....	51.2	10.8	10.7
S1054	do	.....	do	18.6	13.4	14.1	72	88.1	15.37	.....	7.2	13.6	.....	52.9	10.8	10.1
c S1692	do	.....	do	(81)	(13.5)	(13.5)	(74.6)	(85.4)	(13.03)	.....	7.1	13.6	.....	52.3	11	10.6
Totals				(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
Averages				95.2	63.2	70.2	68.5	87.5	15.37	33.6	42.2	81	88.4	52.1	10.82	10.42
				19.04	13.04	14.04	68.5	87.5	15.37	11.87	7.09	13.5	88.4	52.1	10.82	10.42

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
* S634	A. M. S.		Adult	9.4	61	51	3.38	3.75	90.1		4.95	2.5	50.5		7	109.8
S635	do		do	9.8	71	56	3.5	3.85	90.9		4.9	2.75	66.1		7	111.7
S1053	do		do	9.6	67	52	3.5	4	87.6		4.7	2.5	63.2		6	111.5
S806	do		do	9.8	70	59.5	3.4	3.7	91.9		4.8	2.45	51		6.8	98.4
S1054	do		do	9.4	65	53	3.4	3.7	82.9		4.55	2.35	51.7		6.2	98.4
* S1602	do		do	8.6	68	54	3.25	3.7	87.8		4.85	2.3	47.4		6.3	106.8
Totals				(6) 57.8	(6) 68	(6) 54	(6) 13.70	(6) 23.1	(6) 3.56	(6) 88.5	(6) 28.75	(6) 14.85	(6) 51.8	(6) 30.4	(6) 32.7	(6) 107.6
Averages				9.69	68	54	3.42	3.66	88.5		4.79	2.48	51.8		6.64	107.6

* Surely male.

† Upper incisors shovel-shaped, laterals moderately, medians slightly. A rudimentary tooth on external surface behind upper third molar.

‡ Medium occipital compression.

§ Marked intranasal shelves.

NOTE.—For footnotes to reference figures see p. 3.

NEW CALEDONIAN CRANIA—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella and maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol Pt. (x)	Basion-Nasion (y)
• 1208	A. M. S.	.....do.....	Adult.....	17.9	11.7	13	65.4	87.8	14.20	.....	7	12.2	.....	57.4	11	10.1
S1052	.....do.....	.....do.....	.....do.....	17.6	14	13.1	73.6	82.9	14.90	.....	6.8	13.2	.....	51.9	11.1	10.6
Totals.....	.....do.....	.....do.....	.....do.....	(2) 35.5	(2) 25.7	(2) 26.1	(2) 72.4	(2) 85.3	(2) 14.55	.....	(2) 13.8	(2) 25.4	.....	(2) 54.3	(2) 22.1	(2) 20.7
Averages.....	.....do.....	.....do.....	.....do.....	17.75	12.85	13.05	72.4	85.3	14.55	.....	6.9	12.7	.....	54.3	11.05	10.35

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
• 1208	A. M. S.	.....do.....	Adult.....	9.7	°	°	.....	3.35	3.5	95.7	4.75	2.3	48.4	5.9	5.7	96.6
S1052	.....do.....	.....do.....	.....do.....	10	64	51	.....	3.22	3.0	89.5	4.6	2.4	52.2	6	6.3	105
Totals.....	.....do.....	.....do.....	.....do.....	(2) 19.7	(2) 68	(2) 55.5	.....	(2) 3.28	(2) 3.0	(2) 92.4	(2) 4.7	(2) 2.35	(2) 50.2	(2) 11.9	(2) 12	(2) 100.8
Averages.....	.....do.....	.....do.....	.....do.....	9.85	66	53.5	.....	6.57	3.56	92.4	4.68	2.35	50.2	5.96	6	100.8

° Somewhat malelike (malars and zygomae, mastoids), but physiognomy female, and no supraorbital ridges.

° Lower border distinct.

NOTE.—For footnotes to reference figures see p. 3.

Comparison of measurements

MALE

Group	No.	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Newton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
Australian.....	(521)	18.91	13.22	13.36	69.9	88.2	15.16	11.37	6.96	13.58	84	61.2	10.66	10.3
Tasmanian.....	(22)	18.93	13.94	13.4	74.1	81.6	13.41	11.21	6.77	13.6	83.1	49.8	10.66	10.16
New Caledonian.....	(6)	19.04	13.04	14.04	68.6	87.6	13.37	11.57	7.03	13.5	88.4	62.1	10.82	10.42

Group	Basion subnasal Pt.	Facial Angle °	Alv. Angle °	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
Australian.....	9.41	68	51	3.44	3.34	3.80	86.9	4.88	2.73	66	6.19	6.81	110
Tasmanian.....	9.54	68	52.5	3.14	3.08	3.83	80.3	4.79	2.71	66.7	6.22	6.93	111.4
New Caledonian.....	9.63	68	54	3.42	3.4	3.85	88.3	4.79	2.48	61.8	6.08	6.54	107.6

Comparison of measurements—Continued

FEMALE

Group	N	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$	Basion-subnasal Pt.	Facial Angle	Alv. Angle	Diam. Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
Australian	(305)	17.94	12.74	48	3.07	3.3	3.75	88	4.56	2.57	66.4	5.85	108.2		8.9	67.5		12.48	71.1	83.7	14.48	10.4	6.48	12.48	83.6	60.4	10.14	9.74
Tasmanian	(15)	17.56	12.59	53.5	2.79	3.12	3.71	84.2	4.5	2.63	68.4	5.67	114.1		8.82	69.5		12.46	76.2	81.7	14.51	10	6.27	12.46	59.4	9.84	9.55	
New Caledonian	(2)	17.75	13.05	53.5	-----	3.28	3.55	92.4	4.68	2.35	50.2	5.95	100.8		9.85	66		12.7	72.4	85.3	14.55	-----	12.7	64.3	11.05	10.35		

Australians territorially, and contrasted with Tasmanians and New Caledonians

SEXES SEPARATELY

Cranial Index	Mean Height Index		Cranial Module		Facial Index, upper		Facial Angle		Orbital Index		Nasal Index		Palatal Index				
	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male			
N.W.A.	68.8	71.7	So. A.	14.99	14.29	C. A.	W. A.	66.5	68.0	N. W. A.	83.9	(90.7)	W. A.	54.0	57.4	C. A.	104.5
N. T.	69.6	71.5	C. A.	15.01	14.51	Q.	S. A.	67.0	67.0	C. A.	84.6	(85.2)	S. A.	55.0	55.5	S. A.	109.3
So. A.	69.7	70.7	W. A.	15.02	14.30	N. T.	V.	67.5	68.5	V.	84.7	88.0	N. T.	55.9	56.1	N. T.	109.3
N.S.W.	69.9	72	N. S. W.	15.14	14.45	V.	N. W. A.	67.5	68.5	N. T.	84.7	87.2	N. W. A.	56.3	(5)	W. A.	110.5
Q.	70.3	71.2	N. W. A.	15.15	14.49	S. A.	N. S. W.	68.0	69.0	N. S. W.	85.1	87.4	Q.	56.6	57.1	V.	110.8
V.	70.4	71.0	V.	15.17	(1)	N. S. W.	C. A.	68.0	68.0	W. A.	86.5	(85.4)	N. S. W.	57.1	57.8	N. S. W.	111.1
W. A.	71.2	71.3	Q.	15.25	14.64	N. S. W.	N. T.	68.5	67.5	Q.	86.6	87.4	V.	57.2	56.2	Q.	113.0
W. A.	71.2	71.3	V.	15.40	14.61	N. W. A.	Q.	69.0	68.5	S. A.	86.8	89.0	C. A.	57.4	55.9	N. W. A.	116.6
C. A.	71.5	(1)	N. T.	15.40	14.61	(54.6)											

ALL AUSTRALIANS

69.9	71.1	83.2	83.1	15.16	14.48	51.2	52.0	68.0	67.5	85.9	88.0	56.0	56.4	110.0	108.2
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TASMANIANS

74.1	76.2	81.6	81.4	15.41	14.51	49.8	50.4	68.0	69.5	80.3	84.2	56.7	58.4	111.4	114.1
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NEW CALEDONIANS

68.5	(72.4)	87.5	(85.3)	15.37	14.55	52.1	54.3	68.0	66.0	88.3	(92.4)	51.8	50.2	107.6	100.8
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1 Only two specimens.

Australians territorially, and contrasted with Tasmanians and New Caledonians—Continued

THE TWO SEXES TAKEN TOGETHER

Cranial Index	Mean Height Index	Cranial Module	Facial Index, Anat.	Facial Angle	Orbital Index	Nasal Index	Palatal Index
N. W. A. (10) 69.7	C. A. (8) 80.1	N. T. (178) 14.69	C. A. (6) 50.3	S. A. (265) 67	C. A. (8) 84.8	N. W. A. (9) 54.8	C. A. (6) 105.5
S. A. (353) 70.2	S. A. (329) 80.7	N. W. A. (10) 14.80	Q. (82) 51.2	W. A. (14) 67	N. W. A. (10) 85.9	S. A. (303) 55.2	S. A. (268) 108.3
N. T. (183) 70.4	W. A. (17) 83.4	Q. (99) 14.80	N. S. W. (76) 51.2	V. (109) 68	N. T. (185) 86	W. A. (17) 55.4	N. T. (164) 108.8
C. A. (8) 70.5	V. (121) 83.5	W. A. (17) 14.80	S. A. (262) 51.6	N. W. A. (4) 68	W. A. (17) 86	N. T. (182) 56.8	W. A. (14) 109.7
V. (123) 70.6	N. S. W. (96) 83.6	S. A. (328) 14.86	N. T. (162) 51.6	N. T. (158) 68	N. S. W. (99) 86.1	V. (120) 56.8	V. (109) 110.5
N. S. W. (103) 70.8	N. W. A. (10) 84.2	N. S. W. (96) 14.98	V. (105) 51.8	N. S. W. (80) 68.5	V. (121) 86.2	Q. (98) 56.9	N. S. W. (84) 110.6
Q. (100) 70.8	N. W. A. (99) 85.2	W. A. (14) 15.04	N. S. W. (6) 68.5	C. A. (6) 68.5	Q. (101) 87	C. A. (8) 57	N. S. W. (84) 111
W. A. (17) 71.2	N. T. (178) 86.2	V. (121) 15.08	N. W. A. (6) 54.5	Q. (81) 69	S. A. (302) 87.7	N. S. W. (99) 57.4	N. W. A. (4) 116

ALL AUSTRALIANS

(907) 70.4	(358) 83.2	(868) 14.86	(724) 51.6	(727) 68	(853) 86.8	(846) 56.2	(740) 109.2
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TASMANIANS

(37) 75	(36) 81.5	(36) 15.04	(25) 50.2	(28) 69	(36) 81.9	(35) 57.4	(29) 112.7
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NEW CALEDONIANS

(7) 69.6	(7) 86.9	(7) 15.14	(8) 52.7	(8) 67.5	(8) 89.3	(81) 51.4	(7) 105.7
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COMMENTS ON THE AUSTRALIANS

The Australians, while generally related, are not of exactly the same type in all parts of the territory.

They are all characterized by relative narrowness of the head and hence marked dolichocephaly. But they differ moderately in this respect in the several territories. The most pronounced dolichocephaly is met with in the northwest, north, and central south, the least pronounced in the west, east, and southeast.

Much more marked differences, however, are found in the height of the vault and the mean height index $\left(\frac{H}{\text{mean of } L+B}\right)$. Both the absolute height and the index are lowest or next to lowest in south Australia, where the cephalic index is also low; and both are high in Queensland where the cephalic index is also higher. On the other hand in northwestern and northern Australia, where the cephalic index is decidedly low, the height index is near or at the maximum.

In size, the skull is smallest in the northern territory and northwestern Australia, largest in Victoria. In the northwest the condition is possibly especially significant, as it seems to be associated with a higher stature; but the data, both on the living and on the skulls, are not sufficient for definite conclusions.

The basion-nasion length ranges from 9.9 cm. in western Australia to 10.15 cm. in Victoria. Relatively to skull length it gives the index (or percentage) of from 52.8 in northwestern Australia to 53.3 in central Australia, showing great uniformity. But it is 54.2 in the northern territory, where the length of the head in both sexes, as well as the size of the head, are the smallest. Evidently the smallness of the vault in this exceptional series is due especially to deficiency in the posterior half of the skull.

The upper facial index is lowest in central Australia, Queensland, and New South Wales, highest in the western and northwestern Provinces. But if central Australia on one hand and northwestern Australia on the other be eliminated, as they may well be on account of the small numbers of specimens, then the index is seen to present a remarkable uniformity, greater than any of the other characters, excepting the facial angle.

The facial angle is lowest (greatest prognathism) in south and west Australia, highest in Queensland.

The orbital index is lowest in the northwest, highest in Queensland and southern Australia.

The nasal index is lowest in western and southern, highest in eastern, central, and southeastern Australia.

The palate is relatively longest (or narrowest) in central and south Australia (which shows also the highest facial angle), relatively

shortest (or broadest) in Queensland (with lowest facial angle) and especially in northwest Australia.

On the whole the lower types of the Australian appear to be those of the northwest and north, the higher those of the southeastern parts of the continent.

Admixture (Papuan) and local variation are doubtless both involved in the observed differences of characters. But these differences are so appreciable that anthropology will hardly be justified henceforth to refer merely to "the Australian."

AUSTRALIANS AND TASMANIANS

A comparison of the two groups shows that the Tasmanian was not of the identical type with the Australian of any part of the continent; but he was close enough, in general, to be recognized as a near relation and probably a mere local variant of the Australian.

Compared with the Australian more in detail, the Tasmanian is seen to have been somewhat more broad-headed.

The vault of his skull was slightly lower than the general Australian average, but above that of two of the Australian groups.

In size of the head the Tasmanian was slightly above the Australian average, but equal or even a trace lower than two of the Australian contingents.

In facial index the Tasmanian was slightly lower than the Australian in the males, somewhat more so in the females, due to lower facial height (the bizygomatic breadth being practically even).

The basion-nasion length, especially if taken relatively to the length of the skull, is nearly the same in the two people.

The facial angle in the Tasmanians, though their face is lower, exceeds on the average by 1 degree that of the Australians.

The orbital index of the Tasmanians is plainly lower—due to lower orbits—than it is in the Australians.

The nasal index in the male Tasmanians is close to the average of the Australian males, but in the females the Tasmanians show an appreciably higher index (greater breadth); and practically the same condition exists as to the "palatal" (alveolar arch) index and the arch itself.

In general, it is seen, the Tasmanians had a somewhat broader head, somewhat lower face and orbits, and somewhat broader (or shorter) nose and palate, than the Australians. But the two people are so near, particularly when we compare the crania individually or when the Tasmanians are contrasted with some of the regional Australian groups, that the two strains can not but be regarded as of fundamentally the same race. The Tasmanians may therefore, it seems, be legitimately considered as merely a subtype of the

Australians. Their facial differences as well as those of the vault indicate probably environmental (especially food), rather than racial characters.

NEW CALEDONIANS

The New Caledonians, even though represented by but a small series of specimens, are plainly a type apart from both the Australians and Tasmanians; they are in most respects even farther away from the Tasmanians than from the Australians; and there appears no reason to consider them as related, except perhaps very distantly, to either.

The New Caledonians are especially characterized by narrowness of the head, high vault, high face, high orbits, narrow nose and narrow palate.

MELANESIANS
NEW GUINEA CRANIA
MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (zabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
227342	U. S. N. M.	New Guinea	Near adult	19.4	13.1	14.1	69.5	86.5	15.53	1,450	110.6	6.4	12.7	88.5	50.4	10.2	10.2
219263	do.	do.	Adult	19.3	13.2	14.1	68.1	86.5	15.53	1,450	111.4	7.9	12.8	89.1	54.7	10.2	10.2
219395	do.	do.	do.	18	13.5	13.5	73.3	86.5	14.90	1,400	111.5	7.7	13.2	85.6	53	10.1	10.1
219393	do.	do.	do.	18.4	13.6	14.1	73.9	88.1	15.37	1,406	111.3	7.7	13.2	85.6	53	10.1	10.1
Totals				(4) 75.1	(4) 53.1	(3) 41.7	(4) 70.7	(3) 87.2	(3) 45.8	(3) 4,255	(4) 44.8	(4) 27.4	(3) 38.7	(3) 86	(3) 52.7		(3) 29.9
Averages				18.78	13.28	13.9	70.7	87.2	15.27	1,418	11.2	6.82	12.9	86	52.7		29.9

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits-Height, mean	Orbits-Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
227342	U. S. N. M.	New Guinea	Near adult	8.9	0	0	3.2	3.6	4.1	87.8	4.7	2.8	59.0	6.6	6.6	
219263	do.	do.	Adult	8.9	70	52	3.2	3.35	3.35	4.8	2.4	2.4	60	0.9	0.9	116
219395	do.	do.	do.	8.9	70	52	3.2	3.3	3.9	84.6	2.5	2.7	54	6.6	6.6	
219393	do.	do.	do.	8.9	70	52	3.2	3.3	3.9	84.6	2.5	2.8	56	6.6	6.6	
Totals				(3) 26.8			(3) 6.4	(4) 13.55	(3) 11.9	(3) 85.7	(4) 19.5	(4) 10.7	(4) 54.9		(4) 26.7	
Averages				8.98			2.2	3.39	3.87	85.7	4.88	2.68	54.9	6.68	6.68	

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bitygomatic maximum (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
219392	U. S. N. M.	New Guinea	Adult	17.2	11.8	12.2	68.6	84.1	13.73	1,050	3 11	6.7	11.4	96.5	63.8	9.7	9.4
219261	do.	do.	do.	17.4	12.4	13	71.3	87.2	14.27	1,230	10.3	6.8	12.1	86.1	66.7	9.8	9.8
226163	do.	Southern New Guinea	do.	18.2	13	13	71.4	85.5	14.43	1,255		(6.5)	12		(67.9)		9.7
219262	do.	New Guinea	do.	17.2	13.1	13	76.2	89.6	14.73	1,150			11.4				10
219264	do.	do.	do.	17.3	13.2	13.7	76.5	90.4	14.73	1,290			11.3			2 9.4	
219260	do.	do.	do.	16.5	12.7	13.2	77	90.4	14.13	1,170							
Totals				(6) 103.8	(6) 76.2	(6) 65.1	(6) 73.4	(6) 87.5	(6) 71.20	(6) 7,145	(2) 21.3	(3) 13.5	(3) 38.2	(3) 90.6	(2)	(3) 28.9	(3) 38.9
Averages				17.3	12.7	13.02	73.4	87.5	14.86	1,191	10.65	6.76	11.64	90.6	67.7	9.65	9.72

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maximum	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maximum (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
219392	U. S. N. M.	New Guinea	Adult	8.6	67	48	3	3.35	3.6	93	5.1	2.4	47.1	5.7	6.4	112.9
219261	do.	do.	do.	8.8	67	48	2.3	2.85	3.8	75	4.85	2.2	45.4	5.7	5.9	103.6
226163	do.	Southern New Guinea	do.	8.7	67	48		3.5							6.4	
219262	do.	New Guinea	do.	8.7	67	48										
219264	do.	do.	do.	8.4	67	48										
219260	do.	do.	do.	8.4	67	48										
Totals				(6) 25.7			(2) 5.3	(3) 9.7	(2) 7.4	(3) 88.8	(3) 9.95	(3) 4.6	(3)	(3) 17.1	(3) 24.3	(2)
Averages				8.67			2.66	3.23	3.7	88.8	4.98	2.8	46.2	5.7	6.08	107.9

NOTE.—For footnotes to reference figures, see p. 104.

TORRES STRAIT (PAPUAN) CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxm. (glabella ad maxmum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxm. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, npper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)	
276077	U. S. N. M.	Torres Strait.....	Adult.....	18.4	13.5	13	73.4	81.8	14.97	1,395	-----	6.5	12.8	-----	50.8	10.3	9.8	
Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$		
276077	U. S. N. M.....	Torres Strait.....	Adult.....	9	67°	42°	-----	3.28	3.7	88.7	4.9	2.3	46.9	5.7	6.4	112.3		

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxm. (glabella ad maxmum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxm. (c)	Facial Index, total $\left(\frac{c}{a} \times 100\right)$	Facial Index, upper $\left(\frac{c}{b} \times 100\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
276076	U. S. N. M.	Torres Strait	Adult	18.4	11.8	21.9	67.1	88.4	14.37	1,165	-----	6.6	12.3	-----	53.7	10.4	9.6
276080	do.	do.	do.	18	12.2	13.4	67.8	88.7	14.53	1,220	-----	7.1	12.6	-----	66.4	10.7	10.3
276078	do.	do.	do.	17	11.8	12.4	67.4	86.1	13.73	1,055	-----	7	11.9	-----	58.8	10.4	9.7
276079	do.	do.	do.	16.9	12.8	12.5	75.7	83.9	14.07	1,140	-----	6.3	12.7	-----	49.6	10.4	9.6
Totals	-----	-----	-----	70.3	48.6	51.2	69.1	86.1	56.7	4,580	-----	6.75	49.5	-----	54.5	41.9	39.5
Averages	-----	-----	-----	17.58	12.16	12.8	69.1	86.1	14.18	1,145	-----	6.75	12.38	-----	54.5	10.4	9.88

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth, maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
276076	U. S. N. M.	Torres Strait	Adult	8.9	66	45	-----	3.2	3.7	86.5	4.4	2.4	64.6	5.9	5.9	101.7
276080	do.	do.	do.	9.6	67.5	55.5	-----	3.6	3.85	93.5	4.0	2.3	46.9	5.9	6.3	106.3
276078	do.	do.	do.	8.1	64.5	83	-----	3.35	3.8	88.1	4.55	2.3	50.5	6.15	6.2	100.8
276079	do.	do.	do.	8.8	66	41	-----	3.4	3.75	90.7	4.35	2.5	57.6	6.1	6.2	100
Totals	-----	-----	-----	36.4	66	49	-----	13.55	13.1	89.7	18.2	9.5	52.5	23.95	24.5	102.2
Averages	-----	-----	-----	9.1	66	49	-----	3.39	3.78	89.7	4.55	2.38	52.5	6.39	6.12	102.2

SOLOMON ISLANDS CRANIA
MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
227461	U. S. N. M.	Malaita	Adult	18.6	12.5	13.2	67.2	87.6	14.77	1,400	10.6	9.3	12.6	80.9	69.6	10.4	10
227456	do.	Guadalcanar	do.	18.4	12.5	13.4	67.9	87.7	14.77	1,365	10.6	6.5	13.1	80.9	69.6	10.4	9.6
227458	do.	Savo	do.	18.8	12.8	13.6	68.1	86.1	15.07	1,410	10.6	7.5	13.7	80.9	67.7	10.3	10.1
225129	do.	do.	do.	18.8	13.7	13.4	72.9	82.2	15.30	1,370	10.6	7.5	14.5	80.9	67.7	11.8	10.7
227466	do.	Malaita	do.	19	14	13.8	73.7	83.6	15.60	1,470	10.6	9.95	13.5	80.9	67.5	10.4	10
Totals				(3) 93.6	(3) 65.5	(3) 67.4	(3) 70	(3) 84.7	(3) 15.10	(3) 7,015		(3) 34.75	(3) 67.4		(3) 51.6	(3) 53	(3) 50.4
Averages				18.72	13.1	13.87	70	84.7	15.10	1,403		6.95	13.48		51.6	10.6	10.08

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
227461	U. S. N. M.	Malaita	Adult	3.2	69	42.5	2.9	3.25	3.7	87.8	4.8	2.4	59	5.5	6.1	110.9
227456	do.	Guadalcanar	do.	9	67	47.5	2.9	3.15	3.85	81.8	4.9	2.9	59.2	5.8	6.7	116.5
227458	do.	Savo	do.	9	67	52	3.5	3.35	4.05	82.7	3.2	2.5	48.1	5.7	6.8	119.8
225129	do.	do.	do.	10.1	63	38.5	3.5	3.35	4.15	80.7	3.5	2.9	62.7	6.9	7.2	104.4
227466	do.	Malaita	do.	9	67	49	3.5	3.25	4	81.2	4.7	2.5	53.2	6	6.3	105
Totals				(3) 46.3	(3) 66.5	(3) 46.5	(2) 6.4	(3) 16.35	(3) 19.75	(3) 82.8	(3) 25.1	(3) 13.2	(3) 53.6	(3) 29.9	(3) 33.1	(3) 110.7
Averages				9.26	66.5	46.5	3.2	9.27	3.95	82.8	5.02	2.64	53.6	5.98	6.62	110.7

Catalogue No.	227457	U. S. N. M.	Malaita.....	Locality	Adult.....	Approximate age of subject	18	Diam. antero-posterior max. (glabella ad maximum)	12.4	Diam. lateral max.	12.5	Basion-Bregma height	63.9	Cranial Index	82.2	Mean Height Index	14.30	Cranial Module	1,210	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	6.2	Alveol. Pt.-Nasion Height (b)	12.4	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	50	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	10.7	Basion-Alveol. Pt. (x)	9.2	Basion-Nasion (y)	Palatal Index $\left(\frac{1}{b \times 100}\right)$	101.6										
Catalogue No.	227457	U. S. N. M.	Malaita.....	Locality	Adult.....	Approximate age of subject	9	Basion subnasal Pt.	Lower Jaw, Height of Symphysis	3.1	Orbits—Height, mean	3.8	Orbits—Breadth, mean	4.35	Nose, Height	2.75	Nose, Breadth max.	68.2	Nasal Index	6.1	Palate, external Length (l)	6.2	Palate, external Breadth, max. (b)	Orbital Index, mean	Orbits—Height, mean	Lower Jaw, Height of Symphysis	Alv. Angle	Facial Angle	Basion subnasal Pt.	Approximate age of subject	Locality	Collection	Locality	Approximate age of subject

NOTE.—For footnotes to reference figures see p. 104.

NEW HEBRIDES CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{b \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
227455	U. S. N. M.	Mallhedo	Near adult	18.1	13.4	13.2	74	83.5	14.90	1,325	3.11	6.7	13.1	84	51.2	11	10.1
	Collection	Locality	Approximate age of subject		Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
227455	U. S. N. M.	Mallhedo	Near adult		9.4	64.5	43	3.5	3.3	3.9	84.6	4.6	2.6	56.6	5.8	6.6	113.8

NEW BRITAIN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabela ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Neuton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
226113	U. S. N. M.	Gazelle Peninsula	Adult	19.4	13.4	14.7	69.1	86.6	15.83	1,515	7.2	14	14	---	51.4	11.2	10.8
226102	do.	do.	do.	18.8	13	13.7	69.2	84.9	13.10	1,380	6.2	12.7	12.7	---	48.8	10.5	10.8
226108	do.	do.	do.	18.6	13	13.7	69.2	86.7	13.10	1,236	6.6	13.6	13.6	---	48.6	10.4	10.4
226107	do.	do.	do.	19	13.5	14.4	71	88.3	13.63	1,390	7.3	14.5	14.5	---	50.3	11.1	10.5
226103	do.	do.	do.	17.8	12.8	13.2	71.9	86.3	14.60	1,245	8 11.6	7.2	13.5	85.9	53.5	10.4	9.9
226117	do.	do.	do.	18	13	13	72.2	83.9	14.67	1,230	6.1	13.1	13.1	---	46.6	10	9.6
226037	do.	do.	do.	18	13	12.5	72.2	80.6	14.50	1,200	6.5	13.2	13.2	---	49.2	10.9	9.7
226111	do.	do.	do.	19.4	14.2	14.4	73.2	85.7	16.00	1,485	6.4	13.5	13.5	---	44.1	9.8	9.7
226118	do.	do.	do.	17.6	12.9	13.4	73.5	87.6	14.63	1,260	6.4	13.2	13.2	---	48.6	10.5	9.6
226099	do.	do.	do.	18.3	13.5	13.4	73.8	84.3	15.07	1,390	6.5	13.2	13.2	---	49.2	10.5	10.1
226114*	do.	do.	do.	17.5	13	13	74.3	85.5	14.50	1,010	6.4	13.7	13.7	---	46.7	10.2	9.8
226098	do.	do.	do.	18.2	13.8	12.8	75.8	80	14.83	1,310	6.7	13.8	13.8	---	49.6	10.4	10.4
226096	do.	do.	do.	18.4	14	12.8	76.1	79	13.67	1,340	6.7	13.5	13.5	---	48.6	10.8	9.8
Totals	(33)			239	173.1	174.8	(33)	(33)	195.63	17,050	(33)	86.2	(33)	---	(33)	137.7	130.3
Averages				18.98	13.32	13.45	72.5	84.9	16.05	1,312	6.63	13.58	13.58	---	48.8	10.69	10.02
Minima				17.5	12.8	12.5	69.1	79	14.50	1,010	6.1	12.7	12.7	---	44.1	9.8	9.6
Maxima				19.4	14.2	14.7	76.1	89.6	16.00	1,515	7.3	14.5	14.5	---	53.9	11.4	10.8

NOTE.—For footnotes to reference figures see p. 104.

NEW BRITAIN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbis—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (1)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
226113	U. S. N. M.	Gazelle Peninsula	Adult	9.8	68	50.5	---	3.1	3.75	82.7	4.9	2.4	49	6.5	6.95	106.9
226102	do.	do.	do.	9.4	68	50.5	---	3.2	3.75	86.8	4.4	2.6	59.1	6	6.4	106.7
226108	do.	do.	do.	9.8	64.5	45	---	3.1	3.75	82.7	4.3	2.2	51.2	6.3	6.4	101.6
226107	do.	do.	do.	9.9	66	56	---	3.1	3.7	83.2	4.8	2.6	54.2	6.7	7.25	108.2
226103	do.	do.	do.	9	65.5	51	3.6	3.4	3.9	87.2	4.75	2.7	56.8	6.1	7	114.8
226117	do.	do.	do.	8.8	68	49	---	2.85	3.75	76.2	4.2	2.3	54.8	5.7	6.3	110.6
226097	do.	do.	do.	8.4	62	42	2.9	3.15	3.9	80.8	4.5	2.4	53.8	6.2	6.9	104.8
226111	do.	do.	do.	8.4	70.5	46.5	---	3.15	3.1	80.8	4.4	2.4	64.6	5.7	6.6	116.8
226118	do.	do.	do.	9.2	64	52	---	3.05	3.85	79.2	4.05	2.4	59.2	6	6.8	113.9
226099	do.	do.	do.	9.2	68.5	39	---	3.38	3.85	87.8	5.05	2.5	49.6	5.7	6.55	114.9
226114*	do.	do.	do.	9	69.5	51	---	2.9	3.75	77.8	4.35	2.6	69.8	5.9	6.3	106.8
226098	do.	do.	do.	9.4	71	56.5	---	3.1	3.8	81.6	4.7	2.2	53.2	5.5	6.9	126.4
226096	do.	do.	do.	9.5	63	48	---	3.15	4	78.7	4.65	2.6	55.9	6	6.7	111.7
Totals.				(13) 120.8	(13) 67	(13) 49.6	(2) 6.5	(13) 40.63	(13) 49.65	(11) 81.7	(13) 59.05	(13) 32.2	(11) 54.6	(13) 78.3	(13) 86.65	(11) 110.6
Averages.				9.29	67	49.6	8.25	3.12	3.82	81.7	4.61	2.48	54.6	6.02	6.66	110.6
Minima.				8.4	62	39	---	2.85	3.7	76	4.03	2.2	49	5.5	6.3	101.6
Maxima.				9.9	71	56.5	---	3.4	4	87.8	5.05	2.7	69.8	6.7	7.25	126.4

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)	
226105	U. S. N. M.	Gazelle Peninsula	Adult	17.4	12.2	12.3	70.1	83.1	13.97	1,220	8 10.5	6.6	13.5	77.8	48.9	10.5	9.6	
226116	do.	do.	do.	17.4	12.2	12.2	70.1	82.4	13.93	1,145	-----	6.3	12.1	-----	48.1	10.5	9.4	
227465	do.	do.	Near adult	16	11.6	12.2	72.6	88.4	13.27	1,000	-----	6.3	10.9	-----	49.6	9.4	9.2	
226112	do.	Gazelle Peninsula	Adult	17.6	12.8	13.4	72.7	88.2	14.00	1,300	-----	6.4	-----	-----	-----	9.7	10	-----
227464	do.	do.	do.	16.5	12	12.4	72.7	86.7	13.63	1,065	-----	-----	-----	-----	62.8	9.6	9.3	
226110	do.	Gazelle Peninsula	do.	17.7	13	13	73.4	84.4	14.57	1,245	-----	5.9	11.4	-----	48.4	9.8	9.4	
227454	do.	do.	do.	16.8	12.4	12.6	73.8	86.5	13.93	1,155	-----	6.4	12.2	-----	-----	9.7	9.5	
226115	do.	Gazelle Peninsula	do.	17	12.6	12.3	74.1	83.1	13.97	1,065	-----	6.5	12.4	-----	62.4	10	9.1	
226109	do.	do.	do.	17.2	12.8	13.4	74.4	89.5	14.47	1,200	-----	6.2	12.7	-----	48.8	9.6	9.7	
227459	do.	do.	do.	16.4	12.4	12.4	75.6	86.1	13.73	1,060	-----	6.1	12.2	-----	60	9.6	9.4	
226101	do.	Gazelle Peninsula	do.	17.0	13.4	12.6	76.1	81.3	14.53	1,220	-----	6.3	13.5	-----	46.7	10.5	9.9	
Totals	-----	-----	-----	(1) 187.6	(1) 137.4	(1) 138.8	(1) 73.5	(1) 85.4	(1) 154.6	(1) 12,675	-----	(1) 68.1	(1) 110.9	-----	(1) 0	(1) 108.9	(1) 104.5	
Averages	-----	-----	-----	17.06	12.49	12.62	73.5	85.4	14.06	1,162	-----	6.19	12.32	-----	49.9	9.9	9.6	
Minima	-----	-----	-----	16	11.6	12.2	70.1	81.3	13.27	1,000	-----	5.4	10.9	-----	46.7	9.4	9.1	
Maxima	-----	-----	-----	17.7	13.4	13.4	76.1	89.5	14.00	1,300	-----	6.6	13.5	-----	62.4	10.5	10	

NOTE.—For footnotes to reference figures see p. 104.

NEW BRITAIN CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Lower Height of Sym-physis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
226105	U. S. N. M.	Gazelle Peninsula	Adult	9	63.5	44	3	3.1	3.55	87.3	4.5	2.4	53.3	6.7	111.7	
226116	do	do	do	9.1	62.5	45	---	3	3.7	81.1	4.25	2.3	54.1	6.2	105.1	
227465	do	do	Near adult	8.4	71.5	45.5	---	3.5	3.7	94.6	4.1	2.3	56.1	5.9	111.8	
226112	do	Gazelle Peninsula	Adult	8.6	74	51.5	---	3.4	4.1	82.9	4.6	2.4	52.2	6.2	110.7	
227464	do	do	do	8.6	69	50	---	3.1	3.65	87.9	4.65	2.2	49.4	6	115.4	
226110	do	Gazelle Peninsula	do	8.8	68.5	51.5	---	3.25	3.7	87.8	4.2	2.2	52.4	6	109.1	
227454	do	do	do	8.4	69	45.5	---	3.1	3.45	89.9	4.6	2.3	50	6.3	114.6	
226115	do	Gazelle Peninsula	do	8.8	63	52.5	---	3	3.7	87.1	4.25	2.65	62.3	6	110	
226109	do	do	do	8.7	72	56	---	3	3.7	87.1	4.4	2.5	56.8	5.9	111.3	
227469	do	do	do	8.8	69.5	55	---	3.4	3.55	95.8	4.6	2.4	52.2	5.3	105.7	
226101	do	Gazelle Peninsula	do	9.2	67	41.5	---	3.3	4	82.5	4.65	2.5	53.8	6.2	105.1	
Totals				(M) 96.4	(M) 68.5	(M) 48.5		(M) 35.15	(M) 40.8	(M) 87.3	(M) 48.6	(M) 26.15	(M) 61.5	(M) 67.6	(M) 109.9	
Averages				8.76	68	48.5		3.2	3.71	86.2	4.42	2.38	53.9	6.14	109.9	
Minima				8.4	62.5	41.5		3	3.45	81.1	4.1	2.2	49.4	5.0	105.1	
Maxima				9.2	74	56		3.5	4.1	95.8	4.65	2.65	62.3	6.7	115.4	

SOUTH SEA ISLAND CRANIA (BLACKS)

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
225154	U. S. N. M.	-----	Adult-----	19	13	13.9	68.4	88.9	15.30	1,625	-----	6.8	-----	-----	-----	10.3	10.5
	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum of subject	Basion subnasal Pt.	Orbits—Height, mean	Alv. Angle	Lower Height of Sym-physis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
225154	U. S. N. M.	-----	Adult-----	-----	0.5	3.4	57.5	-----	3.4	3.9	87.2	5.2	2.6	50	5.5	6.6	180

SOUTH SEA ISLAND CRANIA (BLACKS)—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
225279	U. S. N. M.		Adult	18.1	12.4	13.3	68.6	86.9	14.60	1,170		6.6	11.8		55.9	10.5	9.9
225156	do.		do.	17.6	12.2	12.9	69.3	86.6	14.23	1,245		9.3	11.9		52.9	9.5	9.1
Totals				35.7	24.6	26.2	(2)	(2)	(2)	(2)		12.9	23.7		(2)	(2)	(2)
Averages				17.85	12.5	13.1	68.9	86.8	14.42	1,208		9.46	11.85		54.4	10	9.5
Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Lower Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$	
225279	U. S. N. M.		Adult	9.4	66.5	54	2.65	3.3	3.7	89.2	4.5	2.5	55.6	5.6	6.2	112.7	
225156	do.		do.	8.2	67	47.5	2.65	3.3	3.85	86.7	4.3	2.25	52.5	5.5	6.2	112.7	
Totals				(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	
Averages				8.8	66.5	50.5	(2)	3.3	3.78	87.5	4.4	2.38	54.1	6.55	6.2	112.7	

¹ Ornammentation interferes with some of the measurements.

² Near.

³ Teeth in good condition (not worn, or worn but very slightly).

⁴ Teeth slightly worn.

⁵ Left.

⁶ Right.

⁷ Painted red.

⁸ Teeth moderately worn.

⁹ Surely male.

Melanesian crania, summary of measurements

MALES

	South Sea Islands (Blacks)	Torres Straits	Solomon Islands	New Guinea	New Britain	New Hebrides
Number of skulls	(1)	(1)	(5)	(4)	(13)	(1)
<i>Vault:</i>						
Length			18.72	18.78	18.38	-----
Breadth			13.10	13.28	13.32	-----
Height			13.48	13.90	13.45	-----
<i>Cranial Index</i>			70	70.7	72.5	-----
<i>Mean Height Index</i>			84.7	87.2	84.9	-----
Module			15.10	15.27	15.05	-----
Capacity			1,403	1,418	1,312	-----
<i>Face:</i>						
m-n Height				11.2	-----	-----
alv. pt. n.			6.95	6.85	6.63	-----
Breadth			13.48	12.9	13.68	-----
<i>Facial Index, Total</i>				86	-----	-----
<i>Facial Index, Upper</i>			51.6	52.7	48.8	-----
Basion-alveolar pt. length			10.60		10.59	-----
Basion-nasion pt. length			10.08	9.97	10.02	-----
Basion-subnasal pt. length			9.26	8.93	9.29	-----
<i>Facial angle</i> (degrees)			66.5	-----	67	-----
<i>Alveolar angle</i> (degrees)			46.5	-----	49.5	-----
<i>Orbits:</i>						
Mean height			3.27	3.40	3.12	-----
Mean breadth			3.95	3.97	3.82	-----
<i>Mean Index</i>			52.8	55.7	51.7	-----
<i>Nose:</i>						
Height			5.02	4.88	4.54	-----
Breadth			2.64	2.68	2.48	-----
<i>Index</i>			52.6	54.9	54.6	-----
<i>Dental arch:</i>						
Length			5.98	-----	6.02	-----
Breadth			6.62	6.68	6.66	-----
<i>Index</i>			110.7	-----	110.6	-----
Lower Jaw: Height at Symphises			3.2	3.2	3.25	-----

FEMALES

	(2)	(4)	(1)	(6)	(11)
Number of skulls					
<i>Vault:</i>					
Length	17.85	17.58	-----	17.30	17.05
Breadth	12.30	12.15	-----	12.70	12.49
Height	13.10	12.80	-----	13.02	12.62
<i>Cranial Index</i>	68.9	69.1	-----	73.4	73.3
<i>Mean Height Index</i>	86.8	86.1	-----	87.5	85.4
Module	14.42	14.18	-----	14.26	14.05
Capacity	1,208	1,145	-----	1,191	1,152
<i>Face:</i>					
m-n Height					
alv. pt. n.	6.45	6.75	-----	-----	6.19
Breadth	11.85	12.38	-----	11.64	12.32
<i>Facial Index, Total</i>					
<i>Facial Index, Upper</i>	54.4	54.5	-----	-----	49.9
Basion-alveolar pt. length	10	10.48	-----	-----	9.9
Basion-nasion pt. length	9.50	9.88	-----	9.72	9.5
Basion-subnasal pt. length	8.80	9.10	-----	8.57	8.76
<i>Facial angle</i> (degrees)	66.5	66	-----	-----	68
<i>Alveolar angle</i> (degrees)	50.5	49	-----	-----	48.5
<i>Orbits:</i>					
Mean Height	3.30	3.39	-----	3.23	3.20
Mean Breadth	3.78	3.78	-----	3.70	2.71
<i>Mean Index</i>	87.3	89.7	-----	83.8	86.2
<i>Nose:</i>					
Height	4.40	4.55	-----	4.98	4.42
Breadth	2.38	2.38	-----	2.3	2.38
<i>Index</i>	54.1	52.3	-----	46.2	53.9
<i>Dental Arch:</i>					
Length	5.55	5.99	-----	5.70	5.59
Breadth		6.12	-----	6.08	6.14
<i>Index</i>		102.2	-----	-----	109.9
Lower Jaw: Height at Symphises				2.65	3.2

NOTES ON THE MELANESIANS

The series of this group, except that of New Britain, are too small for any definite conclusions; nevertheless they offer some fairly good indications.

It is plain that the Melanesians are not strictly homogeneous, though the differences are not great.

In general, the crania of this group are of moderate to small size; the sexual characters are ill defined; the vault is decidedly narrow and often relatively high; the face is rather weak, more or less prognathic; the orbits are not high, the nose is moderately broad, the dental arch relatively large.

SOUTH AFRICAN BUSHMEN
BUSHMEN CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bitygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
1624	R. C. S.	Between Fish and Kowie Rivers.	Adult	18.5	12.7	112.5	68.6	80.1	14.57		6.6	12.6		52.4	10.9	19.8
1300-12	do.		do.	13.6	13	13	69.9	82.3	14.57	21.1	6.5	12.8	85.9	50.8	9.6	9.8
* 20	C. T. U.		do.	18.1	12.9	12.6	71.5	81.3	14.53		9.3	13.1		47.4	9.7	10.3
10	do.	Southeast Cape Coast.	do.	17.6	12.9	12.8	73.5	84.2	14.43	10.5	6.3	12.6	83.3	50	10	10.1
1303-1	R. C. S.		do.	18.8	13.8	12.1	73.4	74.2	14.90		6.4	12.4		51.6	9.5	9.8
1303-7	do.		Adolescent	19	14	12.6	73.7	76.4	15.20		5.35	12		44.6		
1300-15	do.		Adult	18.4	13.7	12.6	74.5	73.8	14.90	11.2	6	12.2	91.8	53.5	9.3	9.3
* 29	C. T. U.		do.	17.8	13.3	12.5	74.7	80.1	14.53		5.9	12.4		47.6	8.7	9
1145	S. A. M.	Krysva Cave.	do.	18.4	13.8	12.6	75.7	79.8	15.09	10.2	7.1	12.3	82.3	57.7	10.1	9.4
* 18	C. T. U.	Sand dunes of Hout Bay.	do.	18.5	14	13.4	75.7	82.7	15.30	(6)	6.8	13.3		57.1	10	10.4
1303	R. C. S.		do.	18.2	13.8	12.7	75.8	79.4	14.00			11.9				9.3
1303-3	do.		do.	18.2	13.8	12.7	75.8	79.4	14.00			11.9				9.3
21	C. T. U.	Between Fish and Kowie Rivers.	do.	18.6	14.2	13.1	76.3	79.9	13.30			13.4				9.8
1300	R. C. S.	Roeberg Krysva.	do.	17.4	13.4	12.8	77	83.1	14.53	(7)		12.6	81.8	50.8		9.3
* 1878	S. A. M.		do.	18	14.4	13	80	80.2	15.13	+10.3	6.4	12.6			9.8	9.6
Totals				(19) 273.9	(16) 203.5	(16) 191.2	(16) 74.9	(15) 80.1	(16) 14.86	(5) 53.20	(11) 70.15	(16) 138.2	(5) 85	(11) 51.2	(10) 96.6	(10) 135.7
Averages				18.26	13.57	12.75	74.9	80.1	14.86	10.64	6.38	12.55	85	51.2	9.66	9.69
Minima				17.4	12.7	12.1	68.6	74.2	14.43	10.2	5.35	11.9	81.8	44.6	8.7	9
Maxima				19	14.4	13.4	80	84.2	15.30	11.2	7.1	13.4	91.8	57.7	10.1	10.4

NOTE.—For footnotes to reference figures see p. 113. For footnotes to reference letters see p. 108.

BUSHMEN CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
1024	R. C. S.	.....	Adult.....	8.8	69.5	54	.....	2.95	3.7	79.7	4.55	2.85	62.6	5.6	7.1	126.8
1300-12	do.	.....	do.	8.6	72	55	3.1	3.3	3.75	88	4.6	2.4	62.2	5.2	6.4	123.1
b 20	C. T. U.	Between Fish and Kowie Rivers.	do.	8.9	77	54	.....	3.05	3.65	88.6	4.95	2.6	52.5	5.3	6.3	123.5
10	do.	.....	do.	9	72.5	52.5	3	3	3.6	88.3	10.4, 6	2.4	52.2	5.6	6.2	110.7
1303-1	R. C. S.	.....	do.	8.8	73	61.5	.....	3.08	3.85	80	4.75	2.45	51.6	5	5.9	118
1303-7	do.	.....	Adolescent	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1300-15	do.	.....	do.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
a 29	C. T. U.	.....	Adult.....	8.3	70	56.5	3.3	3.05	3.65	82.6	4.4	2.25	51.1	5.3	6.5	122.6
1145	S. A. M.	Krynsa Cave.	do.	7.6	78	46.5	3.2	3.1	3.65	84.9	4.4	2.95	61.1	4.8	6.2	129.2
a 18	C. T. U.	Sand dunes of Hout Bay.	do.	7.7	78	46.5	.....	2.82	3.6	78.8	4.75	2.8	60.2	5.4	5.9	109.3
1303	R. C. S.	.....	do.	9	67	56.5	.....	2.9	3.65	79.5	4.85	2.35	49.5	5.4	5.9	109.3
1303-3	do.	.....	do.	9.1	67	56.5	.....	2.95	3.78	78	4.85	2.35	49.5	5.4	5.9	109.3
21	C. T. U.	Between Fish and Kowie Rivers.	do.	8.8	64	49	.....	3.1	3.65	84.9	4.9	2.45	50	5.5	7.1	129.1
f 1300	R. C. S.	.....	do.	8	69	48	.....	2.82	3.7	76.2	10.4, 4	2.9	65.9	5.6	6.2	110.7
• 1878	S. A. M.	Roeberg, Krynsa.	do.	8.6	69	48	m 2.9	1 3.4	3.78	90	10.4, 6	2.45	53.3	5.6	6.2	110.7
Totals.....	(11) 8	.....	.....	119.8	(10)	(10)	(3)	(4) 74	51.05	(11)	(11)	(11)	(11)	(10)	(10)	(10)
Averages.....	8.56	.....	.....	15.5	71	52.5	3.1	42.74	3.69	82.7	65	36.6	60	53.1	63.8	120.2
Minima.....	7.6	.....	.....	46.5	46.5	4.4	2.9	3.05	3.6	76.2	4.4	2.25	49.5	4.8	5.9	109.3
Maxima.....	9.1	.....	.....	61.5	61.5	3.3	3.3	3.4	3.85	90	4.95	2.95	67	5.6	7.1	129.2

• Lateral incisors shovel-shaped, medians slightly.

• Known in life.

• Lateral upper incisors shovel-shaped, medians slightly.

• Female-like; skeleton though small is decidedly male.

• Surely male.

• Sex questionable.

• Somewhat marked signs in orbits of symmetric osteoporosis.

• Marked infraorbital notch.

• Inter-dacryon diameter=3.4.

• Slight infranasal shelves.

• Moderate infranasal shelves.

• Alveolar process swollen externally, both sides.

• Rather marked infraorbital notch, each side.

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
23	S. A. M.		Adult	18.4	13.3	12.6	72.9	79.8	14.77		5.7	12.2		66.7	9.3	10.1
2	do.		do.	17	12.4	12	72.9	81.6	13.80		5.7	12.2		66.7	9.5	9.6
1300-17	R. C. S.		do.	17.2	12.6	12.3	73.3	82.6	14.08	10.9	3.9	11.8	60.8	65	9.5	9.4
1451	S. A. M.	Kryrna Cave.	do.	17.1	13	12.6	76	82.6	14.43	9.5	3.35	11.8	60.8	65.3	9.6	9.4
12	do.		do.	17.5	13.6	12.2	77.7	82.6	14.43	9.4	3.6	12.4	60.4	65.2	9.6	9.5
A	do.	Sand dune, Mussel Bay.	do.	17.1	13.5	12.3	79	80.4	14.30	9.4	3.7	11.3	60.4	65.2	9.6	9.7
Totals.				104.3	78.4	61.4	76.2	80.6	14.27	29.8	28.95	69.7	64.9	68.8	46.8	47.3
Averages.				17.38	13.07	12.28	76.2	80.6	14.27	9.96	2.79	11.94	64.9	68.6	9.36	9.46

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth max.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, max. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
23	S. A. M.		Adult	8.6	0	0		11	12	79.5	9.4.5	12.8	62.2	5.8	5.8	113.7
2	do.		do.	8.6	74	54		3.1	3.75	82.7	10.4.1	2.5	61	5.9	5.9	105.4
1300-17	R. C. S.		do.	8.3	69	52	2.0	1.3	3.4	83.2	4.5	2.6	57.8	5.1	5.1	106.4
1451	S. A. M.	Kryrna Cave.	do.	8.3	69	52	3	3.25	3.6	90.5	4.4	2.4	60	4.8	4.8	120.8
12	do.		do.	8.5	72	41	3	3.1	3.52	86.2	4.4.35	2.7	52.1	5.1	5.1	117.6
A	do.	Sand dune, Mussel Bay.	do.	8	69	57.5	3.1	3.1	3.35	92.6	3.8	2	52.6	4.9	4.9	108.2
Totals.				42	6	6	9	18.55	21.52	86.1	25.25	15	69.4	25.5	25.5	112.9
Averages.				8.4	73.5	51.5	3	3.09	3.59	86.1	4.21	2.5	69.4	5.1	5.1	112.9

NOTE.—For footnotes to reference figures see p. 113.

* Sex questionable. † Marked infraorbital notch.

HOTTENTOT

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
1296	R. C. S.		Adult	18.6	13	13.8	69.9	87.8	15.13	13.11.3	6.4	13.8	81.9	46.4	11.3	10.7
1303-6	do.		do.	18.8	13.6	13.2	72.3	81.5	13.20	10.5	6.2	13.1	81.9	47.8	10.1	10.2
1268	S. A. M.	Orange River	do.	18.2	13.2	13	72.5	82.8	14.80 ^a	10.5	6	12.7	82.7	47.2	9.8	9.6
♂ 14	do.		do.	18.6	13.9	13.2	74.7	81.6	15.23		7.1	13		54.6	9.9	10.4
Totals				(9) 74.2	(9) 53.7	(9) 58.2	(9) 72.4	(9) 83.2	(9) 15.09	(9) 21.8	(9) 25.7	(9) 52.6	(9) 82.8	(9) 48.8	(9) 41.1	(9) 40.9
Averages				18.59	13.42	13.3				10.9	6.42	13.15			10.28	10.22

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, external (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
1206	R. C. S.		Adult	10	68	47	3.7	3.12	4.2	74.8	94.5	2.65	58.9	6.1	6.5	109.6
1303-6	do.		do.	9.4	73	63	3.1	3.7	3.7	83.8	104.45	2.68	69.5	5.2	6.3	191.2
1268	S. A. M.	Orange River	do.	8.8	70.5	49	3.2	2.85	3.48	84.8	104.5	2.6	67.8	3.5	6.6	120
914	do.		do.	9	73.5	62	3.2	3.2	3.78	84.6	4.7	2.65	66.4	3.7	6.7	117.5
Totals				(5)	(4)	(6)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Averages				37.2	71.5	55.5	6.9	12.37	15.16	81.5	18.15	10.55	68.1	22.5	26.1	116
				9.5			3.45	3.09	3.79		4.54	2.64		5.62	6.52	

* Upper left lateral incisor markedly shovel-shaped, medians trace. Slight infraorbital notch, right, moderate left. Characters in general those of the negro.
 † Identification questionable.
 • Marked infraorbital notch.

NOTE.—For footnotes to reference figures see p. 113.

HOTTENTOT—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
30	S. A. M.	Namaqualand	Adult	18.4	13.4	12.7	72.8	79.5	14.83	10.7	6.3	12.6	84.9	60	9.2	9.7
10	do.	do.	do.	17.1	13	12.2	76	81.5	14.10	11	6.5	12.7	86.6	61.2	9.5	9.4
31	do.	do.	do.	17.8	13.6	12	76.4	76.4	14.47	10.4	6.7	12.4	83.9	64	8.1	9.4
29	do.	do.	do.	17.2	13.8	12.1	80.2	78.1	14.37	10.7	6.7	12.2	87.7	64.9	6.3	9
Totals				(0) 70.5	(0) 53.8	(0) 40	(0) 76.3	(0) 78.8	(0) 14.44	(0) 42.8	(0) 26.2	(0) 49.9	(0) 85.7	(0) 62.5	(0) 37.1	(0) 37.5
Averages				17.62	13.46	12.25	76.3	78.8	14.44	10.7	6.56	12.48	85.7	62.5	6.28	9.38

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
30	S. A. M.	Namaqualand	Adult	8.4	75	53.5	3.3	3.12	3.65	85.5	94.95	2.8	56.6	4.9	6.1	124.5
10	do	do	do	8.6	69	57.5	3.2	3.3	3.65	90.4	104.65	2.55	64.8	5	6.3	126
31	do	do	do	8.4	71.5	61	2.75	3.3	3.6	91.7	94.95	2.55	61.5	4.9	5.8	118.4
29	do	do	do	8.2	66	54	3.2	3.1	3.7	83.8	104.6	2.55	55.4	5.2	5.7	109.6
Totals				33.6	()	()	()	()	()	()	()	()	()	()	()	()
Averages				8.4	70.5	57	3.11	12.82	14.6	87.7	19.15	2.61	54.5	20	23.9	119.6

* Defects, not marked, of lower orbital border, as in the negroes.

- 9 Lower border distinct.
- 10 Lower border nearly distinct.
- 11 Approximate.
- 12 Right.
- 13 Teeth moderately worn.
- 14 Teeth slightly worn.
- 15 Left.
- 16 Right.

* Inter-dacryon diameter=2.9.

- 1 Near.
- 2 Teeth in good condition (not worn or worn but very slightly).
- 3 Teeth nearly in good condition.
- 4 About.
- 5 Teeth medium worn (more than moderate).
- 6 Incisors missing.
- 7 Absorption of alveolus.
- 8 Teeth somewhat worn.

SOUTH AFRICAN NEGROES
SOUTH AFRICAN NEGRO CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
1255	S. A. M.....	Mahahanga, Southern Rhodesia.	Adult.....	19.5	13	13	69.7	80.2	15.17	11.7	6.8	13.1	89.3	51.9	10.4	10.2
3052	do.....	Swakopmund.....	do.....	19	12.7	12.4	66.8	78.5	14.70	11.9	7.3	13.6	92.7	53.7	10.7	10.2
1464	do.....	Damaraland.....	do.....	18.1	12.2	13.1	67.4	86.2	14.47	11.9	6.9	12.9	92.2	53.5	9.7	10.1
3476	do.....	Ovambo.....	do.....	18.6	12.6	12.8	67.7	82	14.67	11.8	7.3	13.7	92.2	53.3	10.8	10.4
155	do.....	do.....	do.....	19.9	13.5	13.9	67.8	83.2	15.77	11.8	7	12.8	92.2	54.7	10	10
1868	do.....	"Southwest Protectorate"	do.....	20.2	13.9	12.6	63.8	74.1	15.40	11.2	6.9	13.2	84.2	52.3	10	10.2
a 25	do.....	do.....	do.....	19.2	13.2	13.8	68.8	85.2	15.40	12.4	6.4	13.3	87.2	53.1	11.2	10.9
(b)	Dr. Drennar's	"Cape"	do.....	21.3	14.7	14.5	69	80.6	16.83	12.4	7.3	14	88.6	52.1	11.2	11.4
3036	S. A. M.....	Ovambo.....	do.....	18.8	13	13.9	69.2	87.4	15.23	11.9	7	13.5	85	51.8	9.7	10.6
3035	do.....	Ovambo.....	do.....	19	13.2	14.3	69.5	87.5	15.50	11.9	7.3	14	85	52.1	11.7	10.8
3473	do.....	Ovambo.....	do.....	18.7	13	13.9	69.5	88	15.20	11.9	7.5	13.6	85	52.1	10.3	11
168	do.....	Ovambo.....	do.....	18.7	13.3	13.4	70	82.7	15.20	11.9	7.6	13.5	85	52.1	11.1	10.5
3477	do.....	do.....	do.....	19.1	13.4	13.1	70.2	80.9	15.20	11.9	7	13	85	52.1	11	10.8
3493	do.....	do.....	do.....	19.2	13.5	13.4	70.3	81.7	15.37	11.9	7	13	85	52.1	11	10.3
3489	do.....	do.....	do.....	19.2	13.5	13.4	70.3	81.7	15.37	11.9	7	13	85	52.1	11	10.5
e 166	do.....	Kowie.....	do.....	19	13.4	13.2	70.6	81.6	15.20	11.9	7	13.8	85	52.1	10.9	10.7

26	C. T. U.	do.	10.8	14	13.2	70.7	78.1	15.67	6	12.9	46.5	9.8	10
31	do.	do.	13.4	13.8	13.4	77.1	80.7	15.53	7	13.4	---	10.2	10.4
14	S. A. M.	do.	18.5	13.2	12.8	71.4	81	14.83	6, 9	13.4	51.5	10.3	10.3
163	do.	do.	19.9	14.2	14.1	82.9	83.5	16.07	7	14.6	47.9	11.3	10.9
4 3490	do.	do.	18.2	13	13	71.4	83.5	14.73	---	---	---	---	9.7
3041	do.	do.	18.2	13.1	13.5	72	86.5	14.95	7.8	13	60	10.3	10.2
3694	do.	do.	20.1	14.5	13.6	72.1	78.6	16.07	6, 7	14.1	47.5	10.6	10.4
• 1465	do.	do.	17.8	12.9	13.7	72.5	88.5	14.77	6.6	13.8	47.8	10.4	10.1
3483	do.	do.	19	14	13.7	73.7	83	15.57	---	---	---	---	10.3
3087	do.	do.	18.5	13.8	13.8	74.6	85.2	15.37	17.1	13	54.6	10.3	10.6
3739d	do.	do.	18.6	13.9	13.4	74.7	82.7	15.30	---	---	---	---	10.7
1866	do.	do.	18.2	13.7	13.3	75.3	83.1	15.07	7.1	12.9	55	9.9	10.1
	do.	do.	18.6	13.7	13.3	75.3	83.1	15.07	7.1	12.9	55	9.9	10.1
	do.	do.	18.2	13.7	13.3	75.3	83.1	15.07	7.1	12.9	55	9.9	10.1
3467	do.	do.	18	13.6	13.4	75.6	84.8	15	6.9	13.1	52.7	10.3	10.4
1884	do.	do.	18.5	14	13.6	75.7	84	15.37	---	---	---	---	10
3038	do.	do.	17.8	13.5	14	75.8	89.7	15.10	6.7	13.4	50	10.1	10.4
12	do.	do.	19.3	14.9	13.8	77.2	80.7	16	6.7	12.9	51.9	10.5	10.8
16	C. T. U.	Near adult	17.7	13.8	12.8	78	81	14.77	6.4	12.3	52	9.3	9.6
• 3	S. A. M.	Adult	18.6	14.6	13.6	78.5	81.9	15.60	6.7	12.7	52.8	10.2	10.2
	do.	do.	18.6	14.6	13.6	78.5	81.9	15.60	6.7	12.7	52.8	10.2	10.2
	do.	do.	18.6	14.6	13.6	78.5	81.9	15.60	6.7	12.7	52.8	10.2	10.2
	do.	do.	18.6	14.6	13.6	78.5	81.9	15.60	6.7	12.7	52.8	10.2	10.2
Totals			643.6	460.2	457.9	643.6	643.6	128.3	194.9	386.9	47	292.2	353.7
Averages			18.95	13.64	13.47	71.5	82.9	15.31	6.96	13.37	52.9	10.44	10.4
Minima			17.7	12.2	12.4	66.7	74.1	14.47	6	12.3	46.5	9.5	9.6
Maxima			21.3	14.9	14.5	78.5	89.7	16.83	7.8	14.6	60	11.7	11.4

NOTE.—For footnotes to reference figures see p. 113. For footnote to reference letters see p. 117.

SOUTH AFRICAN NEGRO CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
1255	S. A. M.	Maharanga, Southern Rhodesia.	Adult	9.1	69	48.5	3.5	3.55	4	88.7	94.8	2.7	59.2	5.6	9.5	116.1
3052	do.	Swakopmund	do.	9.5	66	50.5	---	3.38	3.9	86.7	95.3	2.85	63.8	5.8	6.8	117.2
1464	do.	Demaraland.	do.	8.6	73	53.5	3.3	3.38	3.7	91.4	94.9	2.65	64.1	5.1	6.7	131.4
3476	do.	Ovambo.	do.	9.2	68	42	---	3.02	3.55	89.1	93.3	3.15	69.4	6.3	7.6	130.6
155	do.	do.	do.	8.9	69.5	58	3.7	3.3	3.8	86.8	94.56	2.9	69.7	5.9	6.1	108.4
1898	do.	do.	do.	9.2	72	61	---	2.92	3.75	77.9	94.95	2.55	51.5	5.3	6.5	122.6
* 25	do.	"Southwest Protectorate"	do.	10.3	71	52.5	3.6	3.38	3.85	87.8	94.9	3	61.2	6.1	6.9	117
(b)	do.	do.	do.	10.2	73	55.5	3.6	3.22	4	80.5	105.4	3.15	68.2	6.1	7.2	118
3036	Dr. Drennan's.	"Cape"	do.	8.7	77	59	3.8	3.3	3.7	89.2	94.8	2.5	62.1	5.3	6.7	126.4
3035	S. A. M.	Ovambo.	do.	10.2	73	55.5	3.6	3.35	3.35	100	94.75	2.85	60	6.3	6.9	109.5
3473	do.	Ovamboland.	do.	10.3	64.5	52.5	---	3.4	3.8	89.5	95.1	2.45	48	5.7	7.3	128.1
168	do.	Ovambo.	do.	9.6	74.5	66.5	3.8	3.42	3.75	91.2	94.95	3.85	77.8	6.4	6.6	103.1
3477	do.	Ovambo.	do.	9.8	70	56	---	3.5	3.9	89.7	94.6	2.95	64.1	6	7.2	120
3463	do.	do.	do.	9.7	---	---	---	3.38	3.85	87.8	95	3.1	62	---	---	---
3469	do.	do.	do.	9.8	69.5	56	---	3.4	3.9	87.2	94.75	3.05	64.2	5.7	6.7	117.5
* 166	do.	Kowis.	do.	9.8	69.5	56	---	3.4	3.9	87.2	94.75	3.05	64.2	5.7	6.7	117.5

26	C. T. U.	do.	74.5	53	3.28	3.6	91.1	4.5	2.75	61.1	5.9	6	101.7
31	do.	do.	72	60	3.4	3.9	87.2	5.2	2.8	53.8	5.2	6.8	130.8
14	S. A. M.	do.	70.5	63	3.25	3.75	86.7	4.7	2.8	59.6	5.6	6.6	116.1
153	do.	do.	68.5	50	3.05	3.8	80.3	4.9	2.9	59.2	6.2	7.3	117.7
3490	do.	do.	do.	do.	3.28	3.8	86.5	4.9	2.8	57.1	5.9	6.6	111.9
3041	do.	do.	67	54	3.5	3.7	94.6	5.2	2.6	69	5.9	6.6	111.9
3694	do.	do.	70	53	3.38	4.2	80.5	4.75	2.8	69	5.9	6.6	111.9
3483	do.	do.	69	47	3.35	3.7	90.5	4.55	2.75	60.4	5.9	6.6	111.9
3037	do.	do.	72.5	57	3.42	3.9	87.7	4.9	2.55	62	5.9	6.6	111.9
3739d	do.	do.	do.	do.	3.4	3.75	90	4.8	2.9	60.4	5.9	6.6	111.9
1866	do.	do.	70.5	65	3.25	3.62	89.8	4.95	2.75	55.6	5.3	6.4	130.8
3467	do.	do.	71.5	57.5	3.62	3.75	96.5	5.05	2.7	53.5	5.7	6.8	119.5
1884	do.	do.	do.	do.	10 3.2	3.7	86.5	4.8	2.7	53.5	5.7	6.8	119.5
3038	do.	do.	73.5	51.5	3.38	3.68	91.9	4.55	2.7	50.9	5.6	6.1	108.9
12	do.	do.	74	64	1 3.35	3.95	84.8	4.8	2.55	53.1	5.7	6.8	119.5
16	C. T. U.	Near adult	73	64	3.25	3.75	86.7	4.3	2.5	58.1	5.2	6.4	123.1
e 3	S. A. M.	Adult	71	51	3.08	3.85	80	5.1	2.75	53.9	5.6	6.3	112.5
Totals			(38)	(40)	(39)	(32)	(34)	(31)	(37)	(31)	(37)	(37)	(47)
Averages			28	40	106.34	121.23	57.0	151.2	87.3	61.1	154.8	130.8	116.9
Minima			9.37	3.28	3.32	3.74	37.0	4.83	2.82	57.8	6.78	6.7	101.7
Maxima			10.3	4.1	2.92	3.85	117.9	4.3	2.45	48	5.1	6	131.4

f Moderate intranasal shelves.
 g Medium intranasal shelves.
 h Asymmetrical.
 i Slight intranasal shelves.

a Kafir; whole skeleton.
 b "Boskop-like."
 c Kafir.
 d Sex questionable.
 e Surely male.

NOTE.—For footnotes to reference figures see p. 113.

SOUTH AFRICAN NEGRO CRANIA—Continued

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max.	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)	
3739c	S. A. M.	Ovambo.	Adult	18.7	12.6	12.9	67.4	82.7	14.73								
3479	do.	do.	do.	18	12.5	12.9	69.4	84.9	14.47		5.9	12	44.7	49.2	9.7	10	
3470	do.	do.	do.	17.6	12.4	12.4	70.4	82.7	14.13		6.6	12.3	53.7	58.7	10.1	9.5	
3475	do.	do.	do.	17.5	12.4	13.3	70.9	88.7	14.40		6.5	12.1	53.7	58.7	9.9	9.7	
3739a	do.	do.	do.	17.9	12.7	12.8	71.4	83.7	14.47		16.8	12.4	54.8	54.8	10.4	10.2	
1867	do.	Near Salisbury Northern Rhodesia.	do.	18.9	13.5	12.8	71.4	79	15.07								
3471	do.	Ovambo.	do.	18	12.9	12.6	71.7	81.8	14.50		9.8	12.6	54	54	9.6	8.8	
3494	do.	do.	do.	18.4	13.2	12.1	71.7	78.5	14.67							10.1	
3739b	do.	Ovambo.	do.	18.4	13.2	13	71.7	82.3	14.87								
3481	do.	do.	do.	18.1	13	13.6	71.8	87.2	14.90	7		12	58.3	58.3	9.7	9.6	
3492	do.	do.	do.	17.6	12.7	13.4	72.2	88.2	14.57		6.3	12.2	51.2	51.6	9.5	9.9	
1463	do.	Damaraland	do.	18.3	13.3	13.6	72.7	86.1	15.07		6.3	12.6	51.2	51.2	10.1	10	
3478	do.	Ovambo	do.	16.7	12.2	12.9	73	88.2	13.87	13 10.3		12.5	82.4	82.4	10.5	10.1	
1869	do.	Herero South West Africa	do.	17.8	13	12.9	73	88.2	14.57		6.2	12.4			9.4	9.7	
3486	do.	Ovambo	do.	17.3	12.7	13	73.4	86.7	14.73		6.85	12.4			10.3	9.9	
3040	do.	do.	do.	18.1	13.3	12.9	73.4	82.9	14.37						9.3	9.3	
3491	do.	do.	do.	17.9	13.2	13.4	73.7	85.9	14.53		6.5	12.2			10.3	9.9	
3469	do.	do.	do.	17.8	13.2	12.8	74.2	82.6	14.60		6.7	12.8			110.3	10	
3487	do.	do.	do.	19	14.1	12.8	74.2	77.1	15.30		6.8	13.4			10.3	9.5	
3488	do.	do.	do.	18	13.4	14	74.4	89.2	15.13		6.8	12.8			10.3	10.4	
3468	do.	do.	do.	17.6	13.1	12.9	74.4	83.8	14.53		6	12.9			10.3	9.4	
3484	do.	do.	do.	17.7	13.3	13.6	75.1	87.7	14.87		6.6	12.9			10.3	9.9	
3480	do.	do.	do.	16.8	12.7	12.4	75.6	83.8	13.97		16.2	11.4			10.3	9.1	
3482	do.	do.	do.	17.3	13.1	12.4	75.7	81.6	13.27		6.4	11.8			10.3	9.5	
3472	do.	do.	do.	17.6	13.4	13.9	76.1	89.7	14.97		6.8	13.1			10.7	10.4	
3485	do.	do.	do.	17.4	13.4	13.1	77	85.1	14.63		6.5	12.4			10.3	9.2	
Totals				(39) 464.4	(40) 338.5	(38) 338.5	(41) 72.9	(42) 84.3	(39) 14.63	(38) 10.3	(37) 35	(31) 261.2	(40) 52.6	(41) 206.7	(37) 233.9	(39) 233.9	(39) 8.76
Averages				17.86	13.02	13.02	72.9	84.3	14.63	10.3	6.54	12.44	52.6	52.6	9.84	9.84	8.76
Minima				16.7	12.2	12.4	67.4	77.1	13.87		5.9	11.8	46.6	46.6	9.1	8.8	8.8
Maxima				19	14.1	14	77	89.7	15.30		7	13.4	58.3	58.3	10.7	10.4	10.4

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{1}{b \times 100}\right)$
3739c	S. A. M.	Ovambo	Adult	8.7	73.5	53		3.25	3.5	92.9	10.4.2	2.6	61.9	4	6.4	118.5
3479	do.	do.	do.	8.9	66	53		2.95	3.6	81.9	9.4.4	2.8	63.6	4.9	6.4	112.3
3470	do.	do.	do.	8.8	67	54		3.15	3.62	87	9.4.2	2.2	58.9	4.9	6.3	112.5
3475	do.	do.	do.	8.7	69	54										
3739a	do.	do.	do.	9.3	69	53.5	13.2	3.62	3.65	99.2	10.4.8	2.75	67.9			
1867	do.	Near Salisbury Northern Rhodesia.	do.													
3471	do.	Ovambo	do.	8.2	62	49		3.05	3.48	87.6	9.4.5	2.85	63.9	5.6	6.9	123.2
3494	do.	do.	do.													
3739b	do.	Ovambo	do.	8.2	68	46.5		3.28	3.6	91.1	9.4.8	2.9	69.4	4.7	6.6	116.8
3481	do.	do.	do.	8.8	74.5	61.5		3.18	3.62	87.8	9.4.55	2.6	57.2	5.5	6.1	110.9
3492	do.	do.	do.	8.8	74.5	61.5		3.18	3.5	90.8	9.4.4	2.65	60.2	5.9	6.4	108.5
1463	do.	Damaraland	do.	9	71	50.5		3.5	3.5	85.7	4.4	2.5	56.8	5.4	5.9	109.3
3478	do.	Ovambo	do.	9.2	68.5	50.5	1.2.7	3.5	3.5	89.7	10.4.5	2.85	53.3	5.6	6.1	108.9
1869	do.	Herero South West Africa.	do.	8.6	74	56.5		3.5	3.55	98.6	10.4.65	2.6	54.8	1.5	6.1	120
3486	do.	Ovambo	do.	8.6	67.5	48.5		3.38	3.65	92.6	10.4.9	2.6	53.1	5.8	6	103.4
3040	do.	do.	do.	8.4	69.5	57.5	3.5	3.38	3.75	89	9.4.5	2.95	67.6	6	6.5	122.6
3491	do.	do.	do.	8.9	67.5	48.5		3.6	3.8	91.7	9.4.85	2.85	58.8	5.3	6.8	117.9
3469	do.	do.	do.	8.8	69.5	50.5		3.38	3.8	83.9	9.4.9	2.9	59.2	3.6	6.5	116.1
3487	do.	do.	do.	9	72	40.5		3.62	3.8	89.3	10.4.85	2.6	53.6	6.4	110.5	
3488	do.	do.	do.	9	72	40.5		3.62	3.8	89.3	10.4.85	2.6	53.6	6.4	110.5	
3485	do.	do.	do.	8.2	74	56		3.25	3.7	87.3	10.4.3	2.5	53.1	5.4	6.7	124.1
3468	do.	do.	do.	9.1	68	52		3.32	3.55	90.1	4.5	2.6	57.8	6.2	108.8	
3484	do.	do.	do.	8.2	70	52		3.1	3.6	86.1	4.5	2.9	64.4	5.7	6.5	114
3480	do.	do.	do.	8.6	70	57.5		3.45	3.55	87.2	9.4.55	2.7	59.3	5.2	6.2	119.2
3482	do.	do.	do.	8.6	62	46.5		3.38	3.7	91.4	4.6.5	2.9	62.4	6	7.1	118.9
3472	do.	do.	do.	8.8	68.5	57		3.08	3.3	93.4	10.4.55	2.55	56	5.9	5.9	111.3
3485	do.	do.	do.	8.8	68.5	57		3.08	3.3	93.4	10.4.55	2.55	56	5.9	5.9	111.3
Totals				191.9	72.1	52	9.4	72.1	70.72	100.45	100.45	50.55	61.9	117	133.9	61
Averages				8.72	69.5	52	3.15	3.28	3.62	90.6	4.56	2.71	59.4	5.67	6.98	114.5
Minima				8.2	62	46.5	2.7	2.95	3.3	80	4.2	2.45	53.1	5	5.9	103.4
Maxima				9.3	74.5	61.5	3.5	3.62	3.9	99.2	4.9	2.95	65.6	6	7.1	124.1

* Surely male.

* Zygoma malelike, mastoids semi-malelike, but other features female.

NOTE.—For footnotes to reference figures see p. 113.

FEMALE

Group	No.	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Facial Index, Upper	Facial Angle	Orbital Index	Nasal Index	Index of the Upper Dental Arch		
Bushmen.....	(6)	17.38	13.07	12.28	75.2	80.6	14.27	9.93	Alveol. Pt.-Nasion Height (a)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
Hottentot.....	(4)	17.62	13.45	12.25	76.3	78.8	14.44	10.7	Alveol. Pt.-Nasion Height (b)	11.94	84.9	48.6	9.36	9.46
South African Negro.....	(26)	17.86	13.02	13.02	72.9	84.3	14.63	(10.3)	Alveol. Pt.-Nasion Height (b)	12.48	86.7	52.5	9.28	9.33
										12.44	(82.4)	52.6	9.84	9.76
Group		Basion subnasal Pt.	Facial angle	Alv. angle	Lower Jaw, Height of symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
Bushmen.....		8.4	73.5	51.5	3	3.09	3.59	86.1	4.21	2.5	69.4	5.1	5.76	112.9
Hottentot.....		8.4	70.5	57	3.11	3.2	3.65	87.7	4.79	2.61	64.6	5	5.98	119.6
South African Negro.....		8.72	69.5	52	3.13	3.28	3.62	90.6	4.56	2.71	69.4	5.57	6.38	114.6

• In two skulls only.

• Could be measured in one skull only.

Bushmen, Hottentots, and South African negroes contrasted

(Both sexes taken together)

Group	Cranial Index	Mean Height Index	Cranial Module	Facial Index, Upper	Facial Angle	Orbital Index	Nasal Index	Index of the Upper Dental Arch
Bushmen.....	(21) 74.6	(20) 80.2	(20) 14.71	(16) 50.4	(14) 72	(20) 83.7	(20) 57.2	(15) 117.8
Hottentots.....	(8) 74.4	(8) 81	(8) 14.76	(8) 50.6	(8) 71	(8) 84.6	(8) 56.3	(8) 117.8
S. A. Negro.....	(60) 72.1	(60) 83.5	(60) 15.01	(47) 52.4	(49) 70	(54) 88.8	(53) 55.5	(48) 115.9

SOUTH AFRICAN BUSHMEN, HOTTENTOTS, NEGROES

The material of these series leaves much to be desired, particularly in the cases of the Hottentot and the Bushmen. Such as it is, however, it gives the following indications:

BUSHMEN

The Bushmen show extensive variation in the cephalic index (males, 68.6-80), in the upper facial index (males, 44.6-57.7), in the orbital index (males, 76.2-90), and in the nasal index (males, 49.5-65.9).

The vault is decidedly low.

The size of the head is small.

The face is small.

The orbits are prevalently low, the nose broad.

The "palate" (dental arch) is short and relatively broad, giving high index.

HOTTENTOTS

In every item the eight Hottentots that could be measured give average values so close to those of the Bushmen that no clear distinction of the two is possible. So far as these series are concerned, we are obviously confronted by one basic type only and that, in the Bushman, probably a degenerate rather than a pure racial type.

NEGROES

The series of specimens in this group is rather fair and shows well the main characteristics of the group.

The skull of the South African (Bantu) negro differs, though on the whole not really greatly, from that of the Bushman and Hottentot. It is more uniform. It is longer, so that the cephalic index is somewhat lower; the vault is somewhat higher; the skull as a whole is a little larger, but this is discounted by the greater stature and mass of the negro; the face is higher and more prognathic; the orbits are higher, the nose and palate somewhat broader than in the Bushman and Hottentot.

When studied more in detail, nevertheless, the two strains—that is, the Bushmen and Hottentot on one side and the negro on the other—show decided and important relations.

NEGROES (AFRICAN AND AMERICAN)
(BRITISH) EAST AFRICA NEGRO CRANIA
MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
257588	U. S. N. M.	Nairobi.	Adult	18.8	12.9	12.6	63.6	79.8	14.77	1,265		6.8	12.5		74.4	10.8	9.9
257591	do.	do.	do.	18.6	12.8	12.5	68.8	79.6	14.63	1,320		6.7	12.5		74.4	9.9	9.7
257540	do.	Fort Hall.	do.	18.5	13.1	13.4	70.8	84.8	15.00	1,460		7.6	12.9		68.9	10.5	10.6
273201	do.	Sagalla.	do.	18.6	13.3	13.2	71.5	82.5	15.03	1,350		6.9	12.9		68.9	9.9	9.8
257595	do.	Nairobi.	do.	18.6	13.3	12.9	71.5	80.6	14.93	1,430		7	12.9		64.3	10	9.9
257589	do.	do.	do.	18.3	13.2	13.6	72.1	86.1	15.03	1,425		6.7	12.9		64.3	10.3	10.1
257546	do.	Fort Hall.	do.	18.3	13.2	13.4	72.1	84.8	14.97	1,450		6.9	12.8		63.9	9.5	10
273204	do.	Near Sagalla.	do.	18.7	13.5	13.1	72.2	81.4	15.10	1,355		6.9	12.8		63.9	9.7	9.9
257579	do.	Nairobi.	do.	17.9	13	13.7	72.6	84.4	14.63	1,400		6.5	13.3		61.9	1.9.7	9.9
257596	do.	do.	do.	18.4	13.4	13.7	72.8	86.2	15.17	1,470		7.2	13.1		60.4	1.1.1	10.2
273207	do.	Near Sagalla.	do.	19	13.9	13.6	73.2	82.9	15.50	1,550		7.9	13.6		68.1	10.1	10.3
257594	do.	Near Naivasha.	do.	18.6	13.7	13.1	73.7	80.9	15.13	1,310		7	13.3		62.6	10.2	10.3
257582	do.	Nairobi.	do.	17.3	13.8	13.8	79.9	83.3	14.70	1,340		6.85	12.4		55.2	9.8	9.9
257597	do.	do.	Near adult	17.4	13.9	13.8	79.9	88.5	15.03	1,490		6.85	12.4		55.2	9.8	10.2
Totals				(40) 257	(40) 187	(40) 184.9	(40) 72.8	(40) 83.3	(40) 209.62	(40) 19,615	(40) 90.95	(40) 123.7	(40) 123.7	(40) 131.7	(40) 64.5	(40) 131.7	(40) 141.1
Averages				18.86	133.6	13.21	72.8	83.3	14.97	1,401	7	12.37	12.37	131.7	64.5	131.7	141.1
Minima				17.3	12.8	12.5	68.6	79.6	14.63	1,265	6.5	12.4	12.4	131.7	60.4	131.7	141.1
Maxima				19	13.9	13.8	74.9	88.5	15.90	1,550	7.9	13.6	13.6	131.7	68.9	131.7	141.1

6 Teeth in good condition (not worn or but very slightly worn).

7 Teeth much worn.

8 Teeth slightly worn.

9 About.

1 Nairobi.

2 Right.

3 Left.

4 Short.

5 Teeth moderately worn.

(BRITISH) EAST AFRICA NEGRO CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b \times 100}{l}\right)$
257588	U. S. N. M.	Nairobi	Adult	9.2	64	46	3.3	3.8	86.8	4.4	2.8	63.6	6.3	6.1	96.8
257591	do.	do.	do.	8.7	69	52	3.4	3.8	89.5	4.6	2.7	58.7	5.7	6.6	116.8
257540	do.	Fort Hall	do.	8.8	69.5	44.5	3.48	4	87	5.3	2.7	50.9	5.9	6.8	116.2
273201	do.	Sagalla	do.	7.7	68.5	53	3.4	3.8	89.5	4.7	2.4	51.1	5.6		
257595	do.	Nairobi	do.	8.8	69	58.5	3.35	3.68	91	4.7	2.5	53.2	5.5	6.4	116.4
257589	do.	do.	do.	9.1	69.5	51.5	3.35	3.75	89.5	4.7	2.5	53.2	5.7	6.35	114.7
257546	do.	Fort Hall	do.	8.5	73	55.5	3.1	3.5	88.6	4.95	2.8	56.6	5.4	6.3	116.7
273204	do.	Near Sagalla	do.	8.6	71	51	3.35	3.7	90.5	5.1	2.9	56.9	13.4	6.4	118.6
257579	do.	Nairobi	do.	9	74	56.5	3.2	3.8	84.2	4.7	2.6	60.3	6.1	6.7	169.8
257596	do.	do.	do.	10	67	51	3.45	3.8	90.8	5.36	2.9	54.2	5.75		
273207	do.	Near Sagalla	do.	8.5	68.5	54.5	3.35	4	89.7	5.78	2.9	50.2	5.8	5.9	101.7
257594	do.	Near Naivasha	do.	8.6	68	46.5	3.22	3.55	83.6	4.65	2.6	55.9	5.8	7.4	
257582	do.	Nairobi	do.	8.5	73	51	3.3	3.8	79	4.75	2.8	59	5.6	6.7	119.6
257597	do.	do.	Near adult	8.5	73	51	3.2	3.85	83.1	4.75	2.8	59	5.6	6.7	119.6
Totals	-----	-----	-----	115.7	(13)	(13)	(10)	(10)	(11)	(13)	(13)	(13)	(13)	(11)	(10)
Averages	-----	-----	-----	8.9	69.5	51	46.15	3.8	83.13	63.68	35.1	60.3	68.75	71.65	111.9
Minima	-----	-----	-----	8.5	64	44.5	3.3	3.79	87.1	4.9	2.7	55.1	5.4	6.51	96.8
Maxima	-----	-----	-----	10	74	58.5	3.48	4	79	5.78	2.9	63.6	6.3	7.4	113.6

NOTE.—For footnotes to reference figures see p. 123

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad max.)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
257542	U. S. N. M.	Nyeri	Near adult	18.4	12.4	13	67.4	84.4	14.60	1,360	• 10.9	6.5	12.2	89.3	55.3	10	10
273202	do.	Near Sagalla	Adult	17.3	11.8	11.9	68.2	81.6	13.67	1,145			11.5				8
257586	do.	Nairobi	do.	18.2	12.6	12.3	69.2	73.9	14.37	1,135							8.8
257584	do.	do.	do.	18	12.6	11.7	70.76	76.5	14.10	1,090		6.5	1.13	60	60	9.9	9.3
257574	do.	Nyiro River	do.	17.9	12.6	12.4	70.4	81	14.30	1,270		7.2	1.11.9	47.9	47.9	10	9.5
257549	do.	Fort Hall	do.	17.6	12.4	12.9	70.4	86	14.30	1,275		6.4	1.12.8	50	50	10.1	9.9
273206	do.	Sagalla	do.	18.3	13	(11.7)	71.3	84.6	(14.33)	1,285		7.2	12.1	68.6	68.6	10.6	10
273200	do.	Near Sagalla	do.	17.4	12.4	12.6	71.3	84.6	14.13	980		7.1	12.7	65.9	65.9	10.3	9.7
257587	do.	Nairobi	do.	18.2	13	12.5	71.4	80.1	14.57	1,350		7	113.3	62.6	62.6	10.2	10.1
257544	do.	Fort Hall	do.	18.2	12.8	12.6	72.7	82.9	14.77	1,330		6.9					10.8
273203	do.	Sagalla	do.	17.6	13.2	12.4	73.3	79.5	14.53	1,320							
257583	do.	Nyeri	Senile	18	13.2	12.4	73.3	79.5	14.53	1,320							
257588	do.	Nairobi	Adult	18	13.2	12.4	73.3	79.5	14.53	1,320							
273203	do.	Near Sagalla	do.	18	13.2	13.4	73.3	85.9	14.87	1,300		0.3	12.7	49.6	49.6	11.2	9.9
257689	do.	Nairobi	do.	17.8	13.1	12.8	73.6	83.1	14.57	1,220		1.6.8		10.2	10.2	10.3	9.9
257581	do.	Near Naivasha	do.	17.6	13.1	13	74.4	84.4	14.57	1,165		1.6.5	12.7	51.2	51.2	9.8	9.9
257590	do.	Nairobi	do.	18.2	13.6	12.5	74.7	78.6	14.77	1,200			(12.6)				9.9
257578	do.	do.	Near adult	17.6	13.2	13	75	84.4	14.60	1,185		6.5	12.2	63.3	63.3	9.7	10.1
257592	do.	do.	Adult	17.6	13.2	12.5	75	81.2	14.43	1,285		6.2	12.4				9.6
257547	do.	do.	do.	17.8	13.4	12.8	75.3	82	14.67	1,380		6.2	12.4				9.6
273199	do.	Near Sagalla	do.	17.5	13.2	12.1	75.4	78.6	14.27	1,240		5.9	12.6				9.4
do.	do.	do.	do.	16.4	12.4	12	75.6	83.9	13.60	1,040		16.3					8.9
257600	do.	Nairobi	Near adult	17.1	13	12	76	80	14.03	1,170						1.9	9.4
257576	do.	do.	Adult	17.5	13.4	11.4	76.6	74	14.10	1,195							
257598	do.	do.	do.	17.2	13.2	12.1	76.7	79.6	14.17	1,220							
257545	do.	Fort Hall	Near adult	17.7	13.6	13.4	76.8	85.9	14.90	1,370		6.1	12.2	60	60	9.8	9.8
257585	do.	Nairobi	do.	17.2	13.7	13.1	79.6	86	14.23	1,330		6.8	12.6	64	64	9.8	9.1
257573	do.	do.	Adult	17.6	12.7	12.7											9.9
Totals	(28)			495.9	(27)	324.8	(47)		(25)	(23)		(20)	(13)	(14)	(14)	(20)	(23)
Averages				17.71		12.68		81.5	359.45	31,050		130.1	186.9			198.6	242.5
Minima				16.4	11.8	11.4	67.4	74	13.60	1,242		5.7	11.5	51.7	51.7	9.93	9.7
Maxima				18.4	13.7	13.4	79.6	86	14.90	1,380		7.2	13.3	69.5	69.5	11.2	10.8

NOTE.—For footnotes to reference figures see p. 123.

• Height of lower jaw at symphysis about 2.9.

(BRITISH) EAST AFRICA NEGRO CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
257542	U. S. N. M.	Nyeri	Near adult	8.7	71	48	3.3	3.7	89.2	4.6	2.8	60.9	5.4	6.5	120.4
273202	do.	Near Sagalla	Adult	8.4			3.4	3.75	90.7	4.5	2.2	48.9		58	
257586	do.	Nairobi	do.												
257584	do.	do.	do.	8.7	65	45	3.42	4.1	82.4	4.75	2.9	61.7	5.8	5.2	106.9
257574	do.	Nyiro River	do.	8	71.5	55.5	3.2	3.55	91.6	5.15	2.3	44.7	4.7	5.9	125.6
257549	do.	Fort Hall	do.	9.2	70	50.5	3.25	4.05	81.5	4.2	2.15	51.2	5.2	5.9	113.5
273206	do.	Sagalla	do.	9.1	70	48.5	3.3	3.65	91.8	4.8	3.7	62.5	5.5	6.5	118.2
273200	do.	Near Sagalla	do.	9	65.5	48.5	3.35	3.65	86.5	4.8	2.7	56.2	(6.1)		
257587	do.	Nairobi	do.	9	66	50.5	3.15	3.65	86.5	4.9	2.6	53.1	5.8		
257544	do.	Fort Hall	do.												
273203	do.	Sagalla	do.	9.3	69	61.5	3.18	4	79.5	4.7	2.55	54.3	5.6	6.5	116.1
257548	do.	Nyeri	Senile	9.6	73.5	52.5	3.5	4	87.5	5.4	2.8	61.8			
257583	do.	Nairobi	Adult												
273205	do.	Near Sagalla	do.	9.8	61.5	43	3.2	3.75	85.9	4.4	2.9	65.9	5.6	6.4	114.5
257599	do.	Nairobi	do.	9.2	71.5	57	3.08	3.7	86.8	4.7	2.6	55.2	6.3	6.5	103.2
257581	do.	Near Naivasha	do.	8.8	71.5	54.5	3.25	3.7	87.8	4.65	2.45	52.7	5.5	6.1	110.9
257590	do.	Nairobi	do.				3.2	3.6	83.9	4.6	2.7	58.7	5.6		
257578	do.	do.	do.	8.4	74.5	46.5	3.3	3.7	89.2	4.75	2.7	56.8	5.4	6.1	113
257547	do.	do.	Near adult	8.6	70	44	3.35	3.85	94.4	4.65	2.4	61.6			
257547	do.	Nyeri	Adult	8.5	70.5	51	3.28	3.68	89.1	4.4	2.55	57.9	5.2	5.6	107.7
273199	do.	Near Sagalla	do.	8.8	68	52.5	3.35	3.55	94.4	4.25	2.5	58.8	5.3	5.7	107.6
273198	do.	do.	do.	8.4	67	54.5	3.3	3.5	94.3	4	2.5	62.5	5.2	5.7	109.6
257600	do.	Nairobi	Near adult	8.4	73.5	62	3.33	3.6	92.5	4.75	2.6	54.7	1.6	5.9	128.3
257576	do.	do.	Adult												
257598	do.	do.	do.												
257545	do.	Fort Hall	Near adult	8.7	72	52	3.25	3.65	89	4.3	2.5	54.7	5.2	6.3	121.2
257585	do.	Nairobi	do.	8.3	63.5	46.5	3.25	3.65	88.8	4.5	2.5	53.6	5.5	6.8	125.6
257573	do.	do.	Adult												
Totals				(31)	(20)	(20)	(32)	(31)	(41)	(32)	(29)	(40)	(31)	(35)	(46)
Averages				185	69.5	51.5	72.19	78.11	88.9	101.75	50.9	55.9	97.4	110.9	114.6
Minima				8	61.5	43	3.08	3.5	79.5	4.62	2.15	44.7	4.6	5.6	105.2
Maxima				9.8	74.5	62	3.5	4.1	94.4	5.4	3	63.9	6.3	6.8	128.3

NOTE.—For footnotes to reference figures see p. 123

SOUTH AFRICA NEGRO (KAFFIR) CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
a 263197	U. S. N. M.	Port Alfred, Good Hope.	Adult	18.8	13	13.5	69.2	85.5	15.13	1,390	11.5	6.7	13.3	86.5	50.4	10.9	10.3
263199	do.	do.	do.	19.6	14.1	13.8	71.9	82.1	15.83	1,515	11.5	6.8	13.3	86.5	51.1	10.6	10.7
b 263200	do.	do.	do.	19.1	14	13.8	73.9	83.1	15.63	1,485	12	7.2	13.2	90.9	54.6	10.4	10.7
c 263198	do.	do.	do.	17.9	13.6	13.6	76	82.5	14.83	1,270	10.8	6.5	12.6	85.7	51.6	10.1	9.5
244053	do.	Zambezi	do.	17.8	13.6	13.8	76.1	87.9	15.07	1,295		6.5	12.6			3.6	9.5
e 263196	do.	Port Alfred, Good Hope.	do.	18.1	14.6	12.6	80.7	76.8	15.10	1,450	9.6	3.6	12.2	78.7	45.9	19.4	9.3
Totals.				(6) 111.3	(6) 82.9	(6) 80.6	(6)	(6)	(6) 91.59	(6) 8,415	(5) 55.4	(6) 39.3	(6) 77.2	(5)	(6)	(6) 61	(6) 59.6
Averages.				18.55	13.82	13.43	74.5	83	15.26	1,402	11.08	6.55	12.87	85.7	50.9	10.17	9.93

NOTE.—For footnotes to reference figures see p. 123. For footnotes to reference letters see p. 128.

SOUTH AFRICA NEGRO (KAFFIR) CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial angle.	Alv. Angle	Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
• 263197	U. S. N. M.	Port Alfred, Cape of Good Hope.	Adult	9.6	67	47.5	3.6	3	4	75	4.75	2.55	53.7	19.1	6.9	113.1
263199	do	do	do	9.6	72.5	48.5	3.4	13.2	3.7	86.5	5.35	2.9	64.2	5.5	6.5	113.2
263200	do	do	do	9.5	69	61	3.8	3.05	3.7	82.4	4.9	2.6	53.1	5.6	5.8	103.6
• 263198	do	do	do	8.7	66	47.5	3.8	3.05	3.7	82.4	4.35	2.8	64.4	15.6	6.3	112.5
244053	do	Zambezi	do	8.8	63.5	56.5	3.4	3.4	3.7	91.9	4.9	2.4	49	5.4	6.1	113
• 263196	do	Port Alfred, Cape of Good Hope.	do	8.6	71.5	51	2.75	3.1	3.5	88.6	4.3	2.7	62.8	14.9	9	122.4
Totals				(6) 54.8	(6) 69	(6) 52.5	(5) 17.35	(6) 18.8	(6) 3	(6) 81.1	(6) 28.55	(6) 13.95	(6) 55.9	(6) 33.1	(6) 37.6	(6) 113.5
Acropyses				9.13	69	52.5	3.47	3.13	3.72	84.1	4.76	2.66	55.9	5.62	6.27	113.5

• 263196 and 263200 Kafir convicts.

• Surely male.

• Femalelike, especially lower jaw, but pelvis is male.

WEST AFRICA NEGRO CRANIA

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad glabella)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
244052	U. S. N. M.	Gold Coast	Adult	18.2	13.1	13.9	72	89.1	15.07	1,345	11.7	6.7	12.7	92.1	52.8	10	10.3
244051	do	do	do	18.3	13.3	13.7	72.7	86.7	15.10	1,390	do	6.7	12.8	do	52.8	10.9	10.5
276091	do	do	do	18.1	13.2	13.1	72.9	84	14.80	1,330	do	6.3	12.1	do	52.1	10.5	10
276348	do	South Cameroon	do	18.4	13.7	14.4	74.5	90	15.80	1,420	do	6.5	13.6	do	47.8	11	10.9
244055	do	Upper Guinea	do	17.6	13.4	13.2	76.1	85.2	14.73	1,430	do	6.8	12.6	do	54	9.7	9.5
209434	do	Cameroon	do	17.9	13.9	13.2	77.6	83	13.00	1,365	do	7	14	do	50	11.3	10.6
302707	do	French Congo	do	16.8	13.2	13.6	78.6	90.7	14.53	1,240	do	do	13.6	do	51.2	10.6	10.1
Totals				(7) 125.3	(7) 93.8	(7) 96.1	(7) 74.8	(7) 86.8	(7) 104.73	(7) 9,520		(7) 47	(7) 91.4		(7) 51.4	(7) 74	(7) 71.9
Averages				17.9	13.4	13.68	74.8	86.8	14.96	1,360		6.71	13.06		51.4	10.67	10.27

* Height of lower jaw at symphysis = 3.9.

NOTE.—For footnotes to reference figures see p. 123.

WEST AFRICA NEGRO CRANIA—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{l}{b \times 100}\right)$
244052	U. S. N. M.	Gold Coast.	Adult	8.5	73.5	50.5	2.98	3.7	80.5	4.32	2.6	60.6	5.9	6.3	108.6
244051	do.	do.	do.	3.7	69	47	3.4	3.95	86.1	4.95	3	60.6	5.8	7	180.7
276091	do.	do.	do.	3.4	68	54	3.1	4	77.6	4.23	2.8	66.9	5.7	(6)	(105.5)
276348	do.	South Cameroon	do.	10	72	57.5	3.5	4	87.6	4.35	2.7	62.1	5.1	6.4	106.7
244055	do.	Upper Guinea	do.	8.4	68	52	3	3.6	83.5	4.5	2.7	60	6	6.8	121.4
209434	do.	Cameroon	do.	10	66	49.5	3.65	3.8	96	4.8	2.9	60.4	5.6	6.8	121.4
302767	do.	French Congo	do.	9.3	66.5	49.5	3.2	3.85	88.1	4.9	2.7	55.1	5.6	6.8	121.4
Totals				(7) 65.3	(7) 69	(7) 51	(7) 22.83	(7) 26.9	(7) 84.9	(7) 32.07	(7) 19.4	(7) 60.5	(6) 34	(6) 26.5	(6) 114.2
Averages				9.38	69	51	3.26	3.84	84.9	4.56	2.77	60.5	5.67	6.62	114.2

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
244057	U. S. N. M.	Guinea	Adult	17.4	11.8	13.2	67.8	69.4	14.13	1,180	---	6.7	12.3	---	54.5	10	9.8
244056	do.	Congo	do.	17.6	13.4	12.8	76.1	88.9	13.90	1,170	---	7.1	12	---	59.2	9.7	9.3
276089	do.	---	do.	16.4	12.5	12.5	76.2	85.9	14.10	1,180	---	1 5.9	11.7	---	50.4	1 8.9	9.1
276090	do.	---	do.	16.8	13	12.5	77.4	85.9	14.10	1,380	(a)	6.5	12.7	---	51.2	1 10.3	9.7
209435	do.	Cameroon	do.	17.6	13.8	12.6	78.4	82.9	14.33	1,160	(b)	1 6.6	13.2	---	50	9.9	9.1
276088	do.	---	do.	17	13.4	12.6	78.8	83.1	13.73	1,020	---	9.3	12.1	---	52.1	9.9	9.7
276093	do.	---	do.	15.8	12.8	12.6	81	83.1	13.73	1,020	---	9.3	12.1	---	52.1	9.9	9.7
Totals	---	---	---	118.6	90.7	63.7	(7)	(6)	(6)	(6)	---	(6)	(6)	---	(6)	(3)	(3)
Averages	---	---	---	16.94	12.96	12.74	76.6	86.7	14.04	1,182	---	6.52	12.88	---	52.9	9.76	9.4

• Height of lower jaw at symphysis=2.8.

• Height of lower jaw at symphysis about 2.4.

NOTE.—For footnotes to reference figures see p. 123.

WEST AFRICA NEGRO CRANIA—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
214057	U. S. N. M.	Guinea	Adult	8.4	68.5	46	3.1	3.5	88.6	4.4	2.6	59.1	5.5	6.9	125.4
234056	do.	Congo	do.	8.5	65	51.5	3.6	3.8	94.7	5	2.4	48	5.5	16	109.1
276089	do.	do.	do.	8	72.5	51.5	3.1	3.75	82.7	4.4	2.3	62.8	1.5	5.6	112
276090	do.	do.	do.	8	72.5	51.5	3.5	4.1	85.4	4.65	2.5	63.8	1.5	5.6	112
209435	do.	Cameroun	do.	9.4	65	55.5	3.3	3.65	90.4	4.85	2.6	52.6	1.5	5.5	112
276088	do.	do.	do.	8.4	64	42.5	3.3	3.6	91.7	4.35	2.7	62.1	1.5	5.4	112
276093	do.	do.	do.	8.4	64	42.5	3.3	3.6	91.7	4.35	2.7	62.1	1.5	5.4	112
Totals				(9) 42.7	(9)	(9)	(9) 19.9	(9) 22.4	(9)	(9) 27.65	(9) 15.1	(9)	(9) 26.9	(9) 18.5	(9)
Averages				8.54	67	49	3.32	3.7%	89	4.61	2.52	54.7	5.88	6.17	115.8

NOTE.—For footnotes to reference figures see p. 123.

AMERICAN NEGRO CRANIA (FULL-BLOOD) *

MALE

Catalogue No.	Collection	Locality	A approximate age of subject	Diam. antero-posterior max. (glabella ad maximum)	Diam. lateral max.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic max. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
6 248035	U. S. N. M.	Washington	Adult	(19.8)	(12.9)	(13.4)	(65.9)	(81.7)	15.37	1,250	7.9	7.9	12.4	63.7	63.7	10.7	10.7
225105	do	Richmond	do	19.8	13.3	14.2	67.2	85.5	15.77	1,400	17.3	17.3	13	93.8	92.3	11.4	10.9
6 244066	do	do	do	(19.1)	(12.0)	(13.4)	(67.2)	(83.8)	15.13	1,355	6 12.2	6 6.8	13	85.6	47.7	10.3	10.3
e 244079	do	do	50	18.4	12.6	13.8	63.5	89	14.93	1,350	10.7	6.1	12.8	85.6	47.7	9.9	9.9
225107	do	Washington	Female	18.6	12.9	13.1	69.4	82.9	14.87	1,295	12.8	12.8	12.8	93.4	54.9	10.9	10.9
248639	do	do	28	18	(12.8)	(13.1)	(71.1)				6 11.4	6.7	12.2	93.4	54.9	10.9	9.7
225226	do	do	70	18.8	13.4	13.4	71.5	83.2	15.20	1,350	7 11.4	6.9	13.6	93.4	54.9	11.1	10.4
244060	do	Richmond	Adult	18.8	13.4	13.4	71.5	83.2	15.20	1,415	6 8	6.8	13.6	93.4	54.9	11.1	10.4
245337	do	Washington	do	19.6	14	12.1	71.4	72	15.23	1,330	7.3	7.3	13.5	93.4	54.9	11.1	10.3
244088	do	Richmond	do	18.6	13.4	12.8	72.2	80	14.93	1,165	6 6	6.6	12.9	93.4	54.9	10.4	10.2
244088	do	do	do	18.7	13.5	12.2	72.2	76.8	14.80	1,200	6 12.7	7.9	13.3	95.5	59.1	10.5	10.1
244065	do	do	45	19.8	14.3	13.7	72.2	76.5	15.70	1,410	6 12.9	7.8	14	92.1	55.7	11.2	10.5
248674	do	Washington	Adult	18.5	13.4	13.7	72.4	85.6	15.20	1,335	6 11.5	6.8	12.8	89.8	57.1	10.1	10.3
244074	do	do	55	19	13.8	14.1	72.6	86	15.63	1,460	8 12.6	7.3	12.6	100	67.9	10.8	10.6
225108	do	do	do	19	13.8	13.9	72.6	84.8	15.63	1,580	6 9	6.9	13.3	100	67.9	10.8	10.6
248646	do	Richmond	Adult	17.6	12.8	13.8	72.7	82.7	15.57	1,580	6 9	6.9	13.3	100	67.9	10.8	10.6
324589	do	Washington	35	18.4	13.4	13.8	72.8	86.8	15.20	1,465	6 9.5	6.6	12.4	100	67.9	10.5	9.7
244059	do	Havana, Cuba	Adult	19.1	14	13	73.5	78.3	15.37	1,355	6 9.5	5.7	12.2	77.9	46.7	10.1	10.4
248638	do	Richmond	do	18.5	13.6	13	73.5	78.3	15.37	1,355	6 11.9	6.7	13	77.9	46.7	11.1	10.4
225125	do	Washington	do	19	14	13.2	73.5	80	15.40	1,365	6 11.9	7	13.8	86.2	50.7	10.5	10.4
244067	do	do	do	19	14	13.2	73.5	82.4	15.40	1,365	6 11.9	7	13.8	86.2	50.7	10.5	10.4
225151	do	Richmond	45	17.9	13.2	13.6	73.7	82.4	15.53	1,580	6 9	6.9	13.8	86.2	50.7	10.7	10.3
244072	do	do	Adult	18.5	13.9	13.9	73.7	82.4	15.53	1,580	6 9	6.9	13.8	86.2	50.7	10.7	10.3
225257	do	Richmond	do	18.5	13.9	14.2	74.5	87.1	15.00	1,320	7.5	7.5	13.2	86.2	50.7	10.4	10.1
225257	do	Near Vicksburg, Miss.	About 75	18.5	13.8	12.4	74.6	76.5	14.90	1,260	7.5	7.5	13.2	86.2	50.7	10.3	9.4
244085	do	Alabama	Adult	18.1	13.5	14.4	74.6	91.1	15.33	1,485	7	7	13	86.2	50.7	10.4	10.1
																	10.8
																	10.9
																	10.9

NOTE.—For footnotes to reference figures see p. 123. For footnotes to reference letters see p. 134.

AMERICAN NEGRO CRANIA (FULL-BLOOD)—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial angle	Alv. angle	Lower jaw, height of symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxm.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxm. (b)	Palatal Index $\left(\frac{l}{b} \times 100\right)$
248935	U. S. N. M.	Washington	Adult	9.3	89.5	49	3.5	3.55	4	87.5	7.5	2.6	49.2	6.7	113.6	
225105	do	Richmond	do	10.1	67	48	3.25	3.75	3.95	92.4	5.35	2.4	44.9	6.8	150.8	
244066	do	do	do	9.4	70.5	50.5	3.18	3.6	3.6	86.7	4.7	2.8	59.6	7.1	136.5	
244079	do	do	50	8.9	72	54	3.45	3.4	3.4	88.5	4.3	2.8	65.1			
225170	do	Washington	Female	10.4			3.4	3.7	4.1	82.9	4.8	2.9	60.4			
248639	do	do	28	9	61.5	31	2.75	3.7	3.7	74.3	4.6	2.6	66.5	6.1	111.5	
225226	do	do	70	9.8	66	49	3.6	3.8	3.8	86.8	4.85	2.7	55.7	6.1	118	
244050	do	Richmond	Adult	9.4	69.5	52.5	3.7	3.3	4	82.5	4.7	2.5	58.2	5.9		
248337	do	Washington	do	9.6	65	49.5	3.38	3.8	3.8	88.9	5.05	2.8	55.5	17.2	118	
244088	do	do	do	9.4	70	55	3.3	4	4	82.6	4.7	2.7	57.4			
244065	do	do	do	8.9	67	47	3.5	3.75	4.1	91.5	5.5	2.9	52.7	6.9	119	
248674	do	do	45	9.8	64	51	4.1	3.45	4.2	82.2	5.35	2.9	54.2	7.2	116.1	
244074	do	Washington	Adult	9.3	72	61.5	3.1	3.15	3.7	95.1	4.8	2.7	56.2	6.8	121.4	
244074	do	do	55	9.3	70	50	3.2	3.2	3.5	91.4	5.2	2.4	46.2			
225108	do	do	Adult	9	71.5	49	3.3	3.35	3.95	83.5	4.65	2.5	53.8	17	125	
248646	do	Richmond	do	9	67	53	3.3	3.45	3.85	82.6	4.6	2.2	47.8	3.3	94.7	
324589	do	Washington	39	9.4	78	60.5	2.7	2.9	3.65	79.5	4.4	2.4	47.8	6	116.4	
244059	do	Havana, Cuba	Adult	9.4	78	60.5	2.7	3.15	3.65	79.5	4.4	2.4	47.8	6.2	111.5	
244059	do	Richmond	do	9.2	65.5	59	3.5	3.45	4.1	76.8	4.9	2.9	64.4	6.9	111.5	
248638	do	do	do	9.3	70	52.5	3.5	3.45	3.9	88.5	4.9	2.3	46.9	5.4	124.1	
226125	do	Washington	do	9	68.5	40	2.95	3.95	3.95	74.7	4.9	2.8	57.1			
244067	do	Richmond	45	9.2	68	50.5	3.8	3.42	4	85.5	4.95	2.8	56.6	6.8	119.5	
225151	do	do	Adult	8.8			3.2	3.55	3.95	89.9	4.6	2.7	58.7			
244073	do	Richmond	do	9.6	72.5	60	3.9	3.9	3.9	84.6	5.1	2.8	54.9	(6.8)	(128.5)	
225257	do	Near Vicksburg, Miss.	About 75	9.4			3.2	4.02	4.02	79.6	4.6	2.9	63			
244085	do	Alabama	Adult	9.9	70	51	3.35	3.85	3.85	87	5.05	2.8	55.5	6.7	106.4	

* As far as ascertainable. In many the body was seen before dissection.

• Premature occlusion of sagittal suture.

• Shallow retro-coronal bilateral depression.

NOTE.—For footnotes to reference figures see p. 123.

AMERICAN NEGRO CRANIA (FULL-BLOOD OR NEARLY SO)

MALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maxm. (zabella ad maximum)	Diam. lateral maxm.	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxm. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
225150	U. S. N. M.	Near Manassas, Va.	Adult	18.7	14	13.7	74.9	82.5	15.47	1,335		7.2	13.2		54.6	10.7	10.1
e 326382	do.	Washington	do.	18.7	14	13.8	74.9	84.2	15.50	1,395							10.3
248627	do.	Washington	65	18.4	13.6	13.1	75	81.4	15.10	1,320	11.7		13				9.5
244069	do.	do.	Adult	18.1	13.6	13	75.1	82.3	14.90	1,380		7.4	13		55.9	10.5	10.4
262227	do.	Richmond	do.	18	13.6	13.6	75.6	86.1	15.07	1,315		6.6	13.2		50	11	10.1
224725	do.	Washington	do.	17.6	13.3	13.7	75.8	88	14.87	1,330		6.9	13.2		52.8	10.5	10.7
244063	do.	Richmond	60	18.6	14.1	13.2	75.8	80.5	15.30	1,350		6.3	(14.5)		(45.4)	11	10.8
244071	do.	do.	Adult	18.2	13.8	13.2	76.1	82.6	15.07	1,260		(7)	12.8		(54.7)	10.8	10.1
224724	do.	Washington	do.	18.4	14	12.4	76.1	76.6	14.93	1,370	12.1	7.6	13.4		56.7	10.8	10.1
244068	do.	Richmond	do.	18.8	14.3	13	76.1	78.2	15.37	1,455			13.4		56.6	11.5	10.1
244073	do.	do.	do.	18.4	14	13.2	76.1	81.6	15.20	1,420		7.1	12.8		54.9	11.8	11.2
244083	do.	Long Pt., Texas	25-30	13.6	15	13.4	76.5	77.6	16.00	1,365		7.6	13.4		48.6	9.8	9.8
222126	do.	Southern United States	45	18.4	14.2	13.2	77.2	81	15.97	1,240		6.5	13.4		52.2	10.5	10.3
224714	do.	Washington	Adult	18.2	14.2	13.3	78	82.1	15.23	1,275	7.12	7.2	13.8		50.4	11.3	10.1
248643	do.	do.	45									6.3	12.5				10.1
Totals				(37) 688.5	(36) 493.9	(34) 454	(35) 73.7	(31) 82.4	(36) 549.47	(35) 47,490	(13) 152.6	(33) 230.1	(36) 472.6	(14) 90	(39) 53.2	(33) 353	(36) 412
Averages				18.61	15.72	13.35	75.7	82.4	15.25	1,357	11.74	6.97	13.13	90	53.2	10.7	10.3
Minima				17.6	12.6	12.1	67.2	72	14.80	1,165	9.5	5.7	12.2	77.9	46.7	9.8	9.4
Maxima				19.8	15	14.4	78	91.1	16.00	1,550	12.9	7.9	14	100	53.7	11.8	11.2

NOTE.—For footnotes to reference figures see p. 123. For footnote to reference letter see p. 134.

AMERICAN NEGRO CRANIA (FULL-BLOOD OR NEARLY SO)—Continued

MALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle.	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Index, mean	Nose, Height	Nose, Breadth maxim.	Nasal Index	Palate, external Length (l)	Palate, external Breadth, maxim. (b)	Palatal Index $\left(\frac{b}{l} \times 100\right)$
225150	U. S. N. M.	Washington	Adult	9.2	65.5	45.5	3.6	3.1	3.8	81.6	5.05	2.5	46.5	6.1		
248627	do	do	65	8.5				3.2	3.05	81	4.7	2.6	55.5			
244069	do	do	Adult	8.9	62	44.5	3.8	3.55	3.9	91	5.08	2.9	57.1	6	6.9	115
226227	do	Richmond	do	10.2	67	56.5		3.1	3.65	84.9	4.9	2.6	52	6	7	116.7
224725	do	Washington	do	9.4	67.5	53.5		3.2	3.75	85.9	4.4	2.3	46.9	5.8	7.2	124.1
244063	do	Richmond	60	9.5	70.5	44	3.1	3.4	4.05	83.9	4.4	3	68.2	6		
244071	do	do	Adult	9.5			3.8	3.55	3.9	91	5.18	2.7	52.1			
224724	do	Washington	do	9.1	64	46	3.6	3.7	3.95	93.7	5.05	2.5	4.95	5.8	6.6	115.8
244058	do	Richmond	do	9.2			3.2	3.8	4.15	91.6	5	2.7	54			
244073	do	do	25-30	9.7	60.5	44		3.35	3.8	88.1	4.5	2.5	55.6	6.2	6.3	101.6
244083	do	Long Pt., Texas	Adult	10	66.5	50		3.6	4.2	85.7	5.1	2.9	56.9	6.4	7.5	117.2
222126	do	Southern United States	45	8.6	70.5	45		3.55	4.2	93.4	4.6	2.6	56.5	5.7	6.5	114
224714	do	Washington	Adult	8.8	68.5	44	4	3.5	4.2	82.5	4.95	2.9	58.6	5.7	7	122.8
248643	do	do	45	10	63	51.5		3.2	3.9	82	4.05	2.5	61.7	6.3	7.3	115.9
Totals				(32) 363.2	(33) 68	(33) 43.5	(32) 31.25	(30) 130.38	(29) 152.32	(48) 85.6	(30) 189.46	(30) 104	(32) 54.9	(31) 181	(25) 170.4	(42) 116.6
Averages				9.36	68	43.5	3.63	3.34	3.9	85.6	4.86	2.67	54.9	5.84	6.82	116.6
Minima				8.5	60.5	31	2.7	2.75	3.5	7.43	4.05	2.2	44.9	5.2	5.3	94.7
Maxima				10.4	78	66	4.1	3.8	4.2	93.7	5.75	2.9	68.2	6.3	7.5	126.5

NOTE.—For footnotes to reference figures see p. 123.

AMERICAN NEGRO CRANIA (FULL-BLOOD)

FEMALE

Catalogue No.	Collection	Locality	Approximate age of subject	Diam. antero-posterior maximum (glabella ad maximum)	Diam. lateral maximum	Basion-Bregma height	Cranial Index	Mean Height Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maximum (c)	Facial Index, total $\left(\frac{c}{a \times 100}\right)$	Facial Index, upper $\left(\frac{c}{b \times 100}\right)$	Basion-Alveol. Pt. (x)	Basion-Nasion (y)
• 244087	U. S. N. M.		Adult	(18.6)	(12)	(12.2)	(64.6)	(79.7)	14.27	1,130		6.6	11.9		55.5	10.2	9.8
244064	do.	Richmond	21	17.1	12.3	13	71.9	88.4	14.13		10.1	6	11.9		50.4	9.7	9.5
244061	do.	Washington	Adult	18	13	12.8	72.2	82.5	14.60	1,080		6.4	12.8		50	10.4	10.6
244080	do.	do.	55	17.8	13	12.7	75	82.5	14.50	1,110		9.6	12		53.4	9.6	9.2
225104	do.	Yorktown, Va.	Adult	18.2	13.3	12.1	75.1	76.6	14.53	1,210		6.3	11.6		53.4	9.2	8.9
244089	do.	do.	do.	16.8	12.4	12.5	73.8	85.6	13.90	1,130		6.2	11.6		53.4	9.2	8.9
244075	do.	do.	do.	18.3	13.5	12.7	75.8	75	14.47	1,170		6.4	12.2		53.4	9.2	9.8
• 262231	do.	do.	do.	18.2	13.5	12.7	74.2	80.4	14.80	1,270		6.4	12.2		53.4	9.2	10.1
178632	do.	Colonial Beach, Va.	do.	17.9	13.3	12.5	74.5	80.1	14.57	1,220		6.8	13.7		49.6	10.6	9.6
262260	do.	Richmond	do.	17.5	13	12.1	74.8	86.2	14.53	1,265		6.8	13.7		49.6	9.7	9.4
244081	do.	Washington	do.	18.3	13.6	12	74.5	70	14.63	1,265		6.2	11.7		53	9.2	9.1
225111	do.	do.	do.	17.2	12.8	12.8	74.4	86.3	14.27	1,220		6.1	11.5		53	9.2	8.7
225476	do.	Washington	Near adult	17.2	12.8	11.8	74.4	78.7	13.93	1,130		6.1	11.7		53	9.2	8.7
262232	do.	Richmond	Adult	17.4	13	11.8	74.7	77.6	14.07	1,150		6.2	11.7		50.8	10	9.9
244070	do.	do.	do.	18	13.5	12.7	75	76	14.50	1,285		6.2	12.2		50.8	10.8	9.9
225236	do.	Near Vietsburg, Miss.	do.	18.2	13.8	11.9	75.8	74.4	14.63	1,400	10.9	6.6	13.5		48.9	10.8	9.9
225474	do.	Washington	70	18.3	14.2	13.2	77.6	81.5	15.23	1,400		6.4	12.9		54.7	10	9.8
292228	do.	Richmond	Adult	16.9	13.3	12.8	78.7	84.8	14.33	1,145		6.6	11.7		52.4	10.1	9.1
228025	do.	Washington	do.	16.3	13	12.6	79.8	86.3	13.97	1,165		6.6	12.6		52.4	10.1	9.8
262229	do.	Richmond	do.	16.4	12.5	12.5	79.8	86.3	13.97	1,165		6.6	12.6		52.4	10.1	9.6
Totals	(19)			334	237.3	236.4	(18)	(18)	(19)	(18)	(21)	(13)	(18)	(2)	(11)	(15)	(20)
Averages				17.58	13.18	12.44	74.7	80.7	273.86	21,700	21	82.8	123.9	(3)	(11)	(15)	190.2
Minima				16.3	12.3	11.6	71.9	75	14.41	1,265	10.5	6.37	12.86		51.9	9.9	8.51
Maxima				18.3	14.2	13.2	79.8	88.4	15.23	1,400		6.8	13.7		56.5	10.8	10.6

• Slight asymmetry.

NOTE.—For footnotes to reference figures see p. 123.

AMERICAN NEGRO CRANIA (FULL-BLOOD)—Continued

FEMALE—Continued

Catalogue No.	Collection	Locality	Approximate age of subject	Basion subnasal Pt.	Facial Angle	Alv. Angle	Lower Jaw, Height of Symphysis	Orbits—Height, mean	Orbits—Breadth, mean	Orbital Indx., mean	Nose, Height	Nose, Breadth maximum.	Nasal Indx.	Palate, external Length (l)	Palate, external Breadth, maximum. (b)	Palatal Indx. $\left(\frac{l}{b \times 100}\right)$
• 244087	U. S. N. M.	Richmond	Adult	8.8	67.5	46.5	---	3.4	3.9	78.2	4.6	2.9	65	5.5	6.9	125.4
244064	do.	Washington	21	8.6	70	48.5	3.05	3.2	3.75	83.3	4.35	2.45	56.3	5.3	6.3	118.9
244061	do.	Washington	Adult	9.1	74	51.5	---	3.5	3.85	90.9	4.3	2.4	55.3	5.5	6.4	116.4
244080	do.	do.	55	9.2	9.2	---	---	3.4	3.6	94.4	4.5	3	66.7	5.6	---	---
225104	do.	Yorktown, Va.	Adult	8.6	67	51	---	3.15	3.7	85.1	4.6	2.8	60.9	5.6	---	---
244089	do.	Richmond	do.	8.1	67	51	---	3.12	3.4	91.8	4.25	2.3	54.1	5.1	5.7	111.8
do.	do.	do.	do.	9.4	9.4	---	---	3.32	3.85	86.2	3.95	2.7	68.4	---	---	---
• 262231	do.	do.	do.	8.8	69	53.5	---	3.45	4	86.2	5.2	2.8	55.8	5.6	6.4	120.8
262230	do.	Colonial Beach, Va.	do.	8.8	8.8	---	---	3.2	3.6	88.9	---	---	---	5.3	---	---
262232	do.	Richmond	do.	8.2	8.2	---	---	3.45	3.65	91.5	4.55	2.6	57.2	5.2	6.5	125
244081	do.	Washington	do.	8	69.5	45	3	3.2	3.35	89.5	4.5	2.4	53.5	5	6.3	126
225476	do.	Washington	Near adult	8.2	70.5	50	---	3.2	3.35	89.5	4.5	2.4	53.5	5	6.3	126
262232	do.	Richmond	Adult	8	8	---	---	3.5	3.65	91.8	4.2	2.9	69	6	6.3	105
244070	do.	do.	do.	8	5.95	31	3.5	3.55	3.8	93.4	4.4	2.5	56.8	5.9	5.9	100
225236	do.	Near Vicksburg, Miss.	do.	8.8	61.5	35.5	2.9	3.56	3.8	93.4	4.4	2.5	56.6	5.9	5.9	100
225474	do.	Washington	70	8.9	8.9	---	---	3.3	4	82.5	4.5	2.5	55.6	5.6	6	107.1
262228	do.	Richmond	Adult	8.8	69.5	48.5	3.3	3.7	89.2	4.6	2.5	54.4	5.6	6	107.1	
228025	do.	Washington	do.	8.4	62	42	---	3.6	3.9	92.5	4.3	2.1	48.8	5.6	6.6	117.9
262229	do.	Richmond	do.	8.4	8.4	---	---	3.6	3.9	92.5	4.3	2.1	48.8	5.6	6.6	117.9
Totals				(10) 7	(12) 7	(12) 7	(6) 7.5	(8) 3.49	(10) 3.7	(16) 86.8	(13) 4.8	(10) 38.85	(10) 58.2	(10) 71.2	(11) 6.3	(11) 115.5
Averages				8.65	67.5	46.5	3.15	3.54	3.79	89.6	4.45	2.59	58.2	6.48	6.3	115.5
Minima				8	59.5	31	2.9	3.12	3.35	82.5	3.95	2.1	48.8	5	5.7	100
Maxima				9.4	74	53.5	3.5	3.6	4	95.5	5.2	3	69	6	6.9	126

• Badly weathered.

NOTE.—For footnotes to reference figures see p. 123.

Negro crania—Summary of measurements

MALE

	British East Africa	South Africa		West Africa	American Negro (U. S. A.) full-blood
	(14)	Miscellaneous (34)	Kaffir (6)	(7)	(37)
Number of Skulls.....					
<i>Vault:</i>					
Length.....	18.36	18.93	18.55	17.90	18.61
Breadth.....	13.36	13.54	13.82	13.40	13.72
Height.....	13.21	13.47	13.43	13.58	13.35
<i>Cranial Index</i>	72.8	71.5	74.5	74.8	73.7
<i>Mean Height Index</i>	82.8	82.9	83	86.8	82.4
Module.....	14.97	15.31	15.26	14.96	15.25
Capacity.....	1,401	1,400	1,402	1,360	1,357
<i>Face:</i>					
m-n Height.....		11.66	11.08		11.74
alv. pt.-n Height.....	7	6.96	6.55	6.71	6.97
Breadth.....	12.97	13.34	12.87	13.06	13.13
<i>Facial Index:</i>					
<i>Total</i>		87.9	85.7		90
<i>Upper</i>	54.5	52.2	50.9	51.4	53.2
Basion-alv. pt. length.....	10.13	10.44	10.17	10.57	10.70
Basion-nasion.....	10.08	10.40	9.93	10.27	10.30
Basion-subnasal pt.....	8.90	9.37	9.13	9.33	9.36
<i>Facial angle</i> (degrees).....	69.5	70.5	69	69	68
<i>Alveolar angle</i> (degrees).....	51	55.5	52.5	51	48.5
<i>Orbits:</i>					
Height.....	3.30	3.32	3.13	3.26	3.34
Breadth.....	3.79	3.79	3.72	3.84	3.90
<i>Index</i>	87.1	87.6	84.1	84.9	85.6
<i>Nose:</i>					
Height.....	4.90	4.88	4.76	4.58	4.86
Breadth.....	2.70	2.82	2.66	2.77	2.67
<i>Index</i>	55.1	57.8	55.9	60.5	54.9
<i>Dental Arch:</i>					
Length.....	5.73	5.73	5.52	5.67	5.84
Breadth.....	6.51	6.70	6.27	6.62	6.82
<i>Index</i>	111.9	116.9	113.6	114.2	116.6
Lower Jaw: Height at Symphysis.....		3.58	3.47		3.53

FEMALE

	(28)	(26)	(7)	(19)
Number of Skulls.....				
<i>Vault:</i>				
Length.....	17.71	17.86	16.94	17.58
Breadth.....	12.98	13.02	12.96	13.18
Height.....	12.49	13.02	12.74	12.44
<i>Cranial Index</i>	73.3	72.9	76.5	74.7
<i>Mean Height Index</i>	81.5	84.3	86.7	80.7
Module.....	14.38	14.63	14.04	14.41
Capacity.....	1,242	1,245	1,182	1,205
<i>Face:</i>				
m-n height.....				10.50
alv. pt.-n height.....	6.50	6.54	6.52	6.37
Breadth.....	12.46	12.44	12.33	12.26
<i>Facial Index:</i>				
<i>Total</i>				82.7
<i>Upper</i>	51.7	52.6	52.9	51.9
Basion-alv. pt. length.....	9.93	9.84	9.76	9.90
Basion-nasion.....	9.70	9.76	9.40	9.51
Basion-subnasal pt.....	8.81	8.72	8.54	8.65
<i>Facial angle</i> (degrees).....	69.5	69.5	67	67.5
<i>Alveolar angle</i> (degrees).....	51.5	52	49	45.5
<i>Orbits:</i>				
Height.....	3.28	3.28	3.32	3.34
Breadth.....	3.72	3.62	3.73	3.37
<i>Index</i>	88.3	90.6	89	89.6
<i>Nose:</i>				
Height.....	4.62	4.56	4.61	4.45
Breadth.....	2.59	2.71	2.52	2.59
<i>Index</i>	55.9	59.4	54.7	53.2
<i>Dental Arch:</i>				
Length.....	5.41	5.57	5.38	5.48
Breadth.....	6.16	6.38	6.17	6.20
<i>Index</i>	114.6	114.5	115.8	115.5
Lower Jaw: Height at Symphysis.....		3.13		3.15

1 Estimated.

NOTES ON THE NEGRO

The above data show two outstanding results. One is the close relation of the negro skulls from widely separated parts of Africa. The second is the practical identity to this day of the American with the African negroes.

All through, the material is characterized by a poor development in the males of the external sex characters of the skull, particularly supraorbital ridges. In many of the specimens the sex identification could only be reached with the help of the skeleton, or with that of the relation of cranial module to cranial capacity.¹

Tendency to premature occlusion of the sagittal suture and consequent cranial deformation, especially scaphocephaly, necessitating the elimination of the specimen from anthropometric work is met with in all the groups, but is much more common in the American than in the African negro.

The west Africans appear to be less dolichocephalic and to have relatively a somewhat higher vault than the other groups; but the series is not large or comprehensive enough to permit of any definite conclusion.

The Afro-Americans differ from the Melanesian blacks in that:

The Afro-American skull is slightly broader, and relatively somewhat lower.

The facial as well as the alveolar protrusion (prognathism) in the Afro-Americans is somewhat more moderate, their nose is somewhat broader, the orbits (male) somewhat narrower.

The dental arch presents a higher index.

The lower jaw tends to be higher.

¹ Amer. Journ. Phys. Anthropol., 1928, vol. 8, p. 249.

